A hand-list of the genera and species of birds

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A HAND-LIST

OF THE

GENERA AND SPECIES

OF

BIRDS.

[NOMENCLATOR AVIUM TUM FOSSILIUM TUM VIVENTIUM.]

BY

R. BOWDLER SHARPE, LL.D.,
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BRITISH MUSEUM.

VOLUME I.

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PREFACE.

THE first 'Hand-list' of Birds was compiled by the late George Robert Gray, and published by the Trustees of the British Museum in three parts, in the years 1869, 1870, and 1871. This work has long been out of print, and the time seems to have come when a new Hand-list would be of advantage to working ornithologists.

This new 'Hand-list' has been written by Dr. R. Bowdler Sharpe, the author of the greater part of the 'Catalogue of Birds.' To the latter work reference is made throughout, and the 'Hand-list' is avowedly founded upon the 'Catalogue'; but the new species described since the publication of the twenty-seven volumes which comprise the latter work will be here included, so as to bring the list of the known species of birds up to date.

I thoroughly endorse the author's remarks as to the value of the co-operation which he has received from distinguished ornithologists in this and other countries. The desire which has been evinced by so many ornithologists to make this new 'Hand-list' complete will be fully appreciated by all those who desire the progress of Zoological Science.

E. RAY LANKESTER,
Director,
Natural History Departments,
British Museum.

July 12, 1899.

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INTRODUCTION.

Ever since the publication of the 'Catalogue of Birds' I have kept a record of the additional species described, and my notes will be published in the supplementary volumes of the 'Catalogue' to be issued shortly. The writing of these notes has been rendered the more easy by the fact that for many years I have compiled the 'Aves' portion of the 'Zoological Record.'

It gave me, therefore, great pleasure when the Trustees of the British Museum consented to publish a new 'Hand-list of Birds,' since the need of such a work has long been recognized by ornithologists. The present compilation differs only from that of my predecessor, the late George Robert Gray, in that I have had the advantage of being able to refer to the 'Catalogue of Birds,' where a full synonymy of each species will be found. The geographical range is here given as concisely as possible, and is based on the conclusions derived from the 'Catalogue,' instead of being founded chiefly on the material in the British Museum, as was done in Gray's 'Hand-list.' The system of classification followed in the present work is that proposed by myself in 1891, in my address to the Second Ornithological Congress at Buda-Pest. I have seen no reason to modify the conclusions there recorded in any material degree.

I have ventured to incorporate in what appears to me to be their natural position the extinct forms of birds; but it is difficult to discover all the descriptions of fossil birds, scattered as they are through so many publications. In some of my volumes of the 'Catalogue' fossil forms are enumerated, but in most of the volumes no record of the extinct birds has been attempted. My work in this direction has been

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principally founded on the 'Catalogue of Fossil Birds' written by Mr. R. Lydekker, F.R.S., and published by the Trustees in 1891. The proofs of the present volume have been submitted to Professor Milne-Edwards, the leading authority on the subject, and also to Dr. Shufeldt, who has done much work on the fossil forms of bird-life in America. I am, however, especially indebted to my colleague, Mr. C. W. Andrews, of the Geological Department, who has kindly looked over all the proofs; I am under great obligations to him for useful hints and corrections. All extinct forms are printed in antique type, and the latter has also been adopted for recent species now known to be extinct, such as *Camptolæmus labradorius* (p. 225).

I cannot too warmly express my thanks to the undermentioned ornithologists, who have revised the proof-sheets of this work, and given to it the importance of an international publication. Many of them have freely given me their original notes, have saved me from many slips, and have greatly enhanced the value of the work. I can only assure them of my gratitude for their unselfishness, and nothing in my life has pleased me more than to receive the co-operation of so many of the leading ornithologists of the day, as has been the case in the present instance.

Proofs have been submitted to and corrected by the following ornithologists:—

England.—Hon. Walter Rothschild, M.P., Mr. Ernst Hartert, Dr. P. L. Sclater, Mr. W. R. Ogilvie Grant, Mr. W. P. Pycraft, Mr. Howard Saunders, Mr. E. W. Oates.

France.—Professor Milne-Edwards, Dr. E. Oustalet.

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Italy.—Count Salvadori.

America.—Prof. Elliott Coues, Prof. Robert Ridgway, Dr. L. Stejneger, Prof. J. A. Allen, Mr. Frank M. Chapman, Mr. C. W. Richmond.

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To all these gentlemen I tender my sincere thanks for their loyal friendship and assistance. In most cases I have followed their suggestions, especially in the groups with which I have not an intimate personal acquaintance. My views on certain aspects of nomenclature are so well known that slight differences must exist between some of us on a few minor points, and on these there will always be a variation in individual opinion. In the main I have adhered strictly to the nomenclature of the 'Catalogue of Birds,' and in a few cases only have I ventured to disagree with the conclusions of the writers.

R. BOWDLER SHARPE.

July 6, 1899.

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Class AVES.

Sub-Class I. SAURURÆ.

Order I. ARCHÆOPTERYGES.

(Sharpe, Classif. B. p. 67, 1891.)

I. **Archæopteryx**, *Meyer*.

(Lydekker, Cat. Foss. B. p. 360, 1891.)

1. **lithographica**, *Meyer*. (L., p. 362.)	Bavaria (Jurassic).
2. **siemensi**, *Dames*, Math. naturw. Mitth. Berlin, vii. p. 487 (1897).	Bavaria (Jurassic).

Sub-Class II. RATITÆ.

Order I. RHEIFORMES.

(Sharpe, Classif. B. p. 67, 1891.)

Family I. RHEIDÆ.

(Salvadori, Cat. B. xxvii. p. 570, 1895.)

I. **RHEA**, *Lath*.

(Salvad. *t. c.* p. 577.)

1. **americana** (*Linn.*). (p. 578.)	Central Brazil to Argentina.
2. **macrorhyncha**, *Scl.* (p. 581.)	N. Brazil.
3. **darwini**, *Gould*. (p. 582.)	Patagonia, N. to Tarapacá.
4. **fossilis**, *Amegh.* [*Cf.* Revist. Argent. Hist. Nat. vol. i. (1891), p. 448.]	Patagonia (Eocene).

INCERTÆ SEDIS.

I. **Barornis**, *Marsh*, Amer. J. Sci. xlviii. p. 344 (1895).

1. **regens**, *Marsh*, *l. c.* — New Jersey (Eocene).

II. **Laopteryx**, *Marsh*, Amer. J. Sci. xxi. p. 341 (1881).

1. **prisca**, *Marsh*, *l. c.* — Wyoming (Jurassic).

Order II. STRUTHIONIFORMES.

(Sharpe, Classif. B. p. 67, 1891.)

Family I. STRUTHIONIDÆ.

(*Cf.* Salvadori, Cat. B. xxvii. p. 571, 1895; Lydekker, Cat. Foss. B. p. 210, 1891.)

I. **STRUTHIO**, *Linn.*
(Salvad. *t. c.* p. 571.)

1. **camelus**, *Linn.* (S., p. 572.) — Soudan, Arabia, S. Palestine.
2. **molybdophanes**, *Reichen.* (S., p. 574.) — Somali-land.
3. **australis**, *Gurney.* (S., p. 575.) — S. Africa.
4. **massaicus**, *O. Neumann*, J. f. O. 1898, p. 243. — Masai-land.
5. **asiaticus**, *Milne-Edw.* (L., p. 211.) — Sivalik Hills (Pliocene).
6. **chersonensis**, *Brandt.* (L., p. 212.) — S.E. Russia (Pliocene). N. China.
7. **karatheodoris**, *Forsyth Major*, C. R. cvii. p. 1181. — Samos (Lower Pliocene).

Order III. CASUARIIFORMES.

(Sharpe, Classif. B. p. 67, 1891.)

Family I. DROMÆIDÆ.

(*Cf.* Salvadori, Cat. B. xxvii. p. 585, 1895; Lydekker, Cat. Foss. B. p. 352, 1891.)

I. **DROMÆUS**, *Vieill.*
(Salvad. *t. c.* p. 585.)

1. **novæ-hollandiæ**, *Lath.* (S., p. 586.) — E. Australia.

2. **ater**, *Vieill.* (S., p. 588.)	Kangaroo Island (*extinct*).
3. **irroratus**, *Bartl.* (S., p. 589.)	W. Australia.
4. **patricius**, *De Vis.* (L., p. 352.)	E. Australia (Pleistocene).
5. **gracilipes**, *De Vis.* (Proc. Linn. Soc. N.S.W. vi. p. 445, 1891.)	Queensland (Pleistocene).
? 6. **queenslandiae** (*s. n.* Dinornis), *De Vis.* (L., p. 222.) (*Cf.* Hutton, Proc. Linn. Soc. N. S. W. (2) viii. p. 7, 1893.)	Queensland (Pleistocene).

Family II. DROMORNITHIDÆ.

(Lydekker, Cat. Foss. B. p. 355, 1891.)

I. Dromornis, *Owen.*

(Lydekker, *t. c.* p. 355.)

1. **australis**, *Owen.* (L., p. 355.)	E. Australia.
2. **sp.**, *Lyd.* (L., p. 356.)	E. Australia (Pliocene).

II. Genyornis, *Stirling & Zeitz.*

(Tr. Roy. Soc. S. Austr. xx. p. 171, 1896.)

1. **newtoni**, *S. & Z. l. c.*	S. Australia (Pleistocene).

Family III. CASUARIIDÆ.

(*Cf.* Salvadori, Cat. B. xxvii. p. 590, 1895.)

I. CASUARIUS, *Briss.*

(Salvad. *t. c.* p. 590.)

1. **bicarunculatus**, *Scl.* (p. 591.)	N. Aru Is.
2. **casuarius** (*Linn.*). [*galeatus*, Bonn. (p. 592).]	Ceram.
3. **violicollis**, *Rothsch.*, Bull. B. O. C. viii. p. xxvii (1899).	Aru Is. [? Trangan Isl.].
4. **intensus**, *Rothsch.*, Bull. B. O. C. viii. p. xxi (1898).	Patr. ign.
5. **australis**, *Wall* (p. 594.)	N.E. Australia.
6. **salvadorii**, *Oust.* (p. 595.)	S.W. Coast of Geelvin Bay, N.W. New Guine.
7. **beccarii**, *Scl.* (p. 596.)	Aru Is. Fly River, S. New Guinea.

8. **uniappendiculatus,** *Blyth.* (p. 597.)	Salawati.
9. **occipitalis,** *Salvad.* (p. 598.)	Jobi Isl. German New Guinea.
10. **philipi,** *Rothsch.*, Nov. Zool. v. p. 418 (1897).	Patr. ign.
11. **papuanus,** *Schl.* (p. 599.)	N.W. New Guinea.
12. **loriæ,** *Rothsch.*, Nov. Zool. v. p. 513 (1898).	Mts. of S.E. New Guinea.
13. **picticollis,** *Scl.* (p. 600.)	S.E. New Guinea.
14. **bennetti,** *Gould.* (p. 601.)	New Britain.
15. **sp.**, *Lyd.*, Cat. Foss. B. p. 353.	N. S. Wales (Pleistocene).

II. **Hypselornis,** *Lydekker.*
(Lydekker, Cat. Foss. B. p. 354.)

1. **sivalensis,** *Lyd. t. c.* p. 354.	Sivalik Hills (Pliocene).

Order IV. DINORNITHIFORMES.

Family I. **DINORNITHIDÆ.***

Sub-Family I. *DINORNITHINÆ.*

(Parker, Trans. Z. S. xiii. p. 417, 1895.)

I. **Dinornis,** *Owen.*
(Parker, *t. c.* p. 418.)

1. **novæ-zealandiæ,** *Owen.* (P., p. 415.)	South Isl., New Zealand.
2. **robustus,** *Owen.* (P., p. 415.)	South Isl., New Zealand.
? 3. **potens,** *Hutton.* (P., p. 415.)	South Isl., New Zealand.
4. **torosus,** *Hutton.* (P., p. 415.)	South Isl., New Zealand.
5. **sp.** *a.* (P., p. 415.)	South Isl., New Zealand.
6. **strenuus,** *Hutton*, Tr. N. Z. Inst. xxv. p. 8 (1892).	South Isl., New Zealand.

* In the arrangement of the Moas I have followed the late Professor [illegible] Parker's recent Memoir, in which the conclusions of Mr. Lydekker, Dr. H. [illegible] and Captain Hutton have been summarized. *Cf.* Lydekker (Cat. Foss [illegible] Hutton's papers in vols. xxiii., xxiv., and xxv. of the 'Transactions' of the Ne[illegible] Institute, Forbes in 'Natural Science' (ii. pp. 374–380), Parker in the 'Tra[illegible] of the Zoological Society, vol. xiii. pt. 2.

Sub-Family II. *ANOMALOPTERYGINÆ.*

(Parker, *t. c.* p. 417, 1895.)

II. Pachypornis, *Lydekker.*

(Parker, *t. c.* p. 415.)

1. **elephantopus** (*Owen*). (P., p. 415.)	South Isl., New Zealand.
2. **sp.** *a.* (P., p. 415.)	South Isl., New Zealand.
3. **sp.** *β.* (P., p. 415.)	South Isl., New Zealand
4. **sp.** *γ.* (P., p. 415.)	South Isl., New Zealand.
5. **sp.** *a.* (P., p. 415.)	South Isl., New Zealand.
6. **sp.** *b.* (P., p. 415.)	South Isl., New Zealand.
7. **rothschildi**, *Lydekker*, P. Z. S. 1891, p. 479, pl. xxxviii.	South Isl., New Zealand.
8. **compactus**, *Hutton*, Tr. N. Z. Inst. xxv. p. 11 (1892).	South Isl., New Zealand.
9. **inhabilis**, *Hutton*, *t. c.* p. 11 (1892).	South Isl., New Zealand.
10. **balgus**, *Hutton*, *t. c.* p. 12 (1892).	South Isl., New Zealand.

III. Spornis, *Reichenb.*, S. A. p. xxx (1852).

(*Mesopteryx*, Hutton: Parker, *t. c.* p. 415.)

1. **sp.** *a.* (P., p. 415.)	South Isl., New Zealand.
2. **sp.** *β.* (P., p. 415.)	South Isl., New Zealand.
3. **sp.** *γ.* (P., p. 415.)	South Isl., New Zealand.
4. **casuarina** (*Owen*). (P., p. 415.)	N. & S. Is., New Zealand.

IV. Anomalopteryx, *Reichenb.*, 1852.*

(Parker, *t. c.* p. 378.)

1. **didiformis** (*Owen*). (P., p. 415.)	N. & S. Is., New Zealand.
?2. **parva** (*Owen*). (P., p. 415.) (*Cf.* Hutton, Tr. N. Z. Inst. xxvii. p. 166, 1894.)	South Isl., New Zealand.
3. **fortis**, *Hutton*, Tr. N. Z. Inst. xxv. p. 9 (1892).	South Isl., New Zealand.

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* Professor Hutton (Tr. N. Z. Inst. xxix. p. 546) proposes the amended name of *Anomalornis* vice *Anomalopteryx*, Stein, S. E. Z. xxx. p. 251 (1874), but this change is unnecessary, as Reichenbach's name dates from 1852.

V. **Megalapteryx**, *Haast.**
(Lydekker, Cat. Foss. B. p. 249, 1891.)

1. **hectori**, *Haast.* (Lyd., p. 252.) — South Isl., New Zealand.
2. **tenuipes**, *Lyd.*, p. 251. — North Isl., New Zealand.

Sub-Family III. *EMEINÆ.*
(Parker, Tr. Z. S. xiii. p. 422, 1895.)

VI. **Emeus**, *Reichenb.*
(Parker, *t. c.* p. 422.)

1. **crassus** (*Owen*). (P., p. 415.) — South Isl., New Zealand.
2. **sp.** *α.* (P., p. 415.) — South Isl., New Zealand.
3. **sp.** *β.* (P., p. 415.) — South Isl., New Zealand.
4. **sp.** *γ.* (P., p. 415.) — South Isl., New Zealand.
5. **exilis**, *Hutton*, Tr. N. Z. Inst. xxix. p. 552, pl. xlviii. fig. *c* (1897). — North Isl., New Zealand.

Order V. ÆPYORNITHIFORMES.

Family I. ÆPYORNITHIDÆ.

(Lydekker, Cat. Foss. B. p. 213, 1891.)

I. **Æpyornis**, *Is. Geoffr.*
(Lydekker, *t. c.* p. 213.)

1. **maximus**, *Is. Geoffr.* (L., p. 213.) — Madagascar.
2. **medius**, *Milne-Edw. & Grand.* (L., p. 214.) — Madagascar.
3. **modestus**, *Milne-Edw. & Grand.*, Ann. Sci. Nat. (5) xii. p. 189 (1869). — Madagascar.
4. **ingens**, *Milne-Edw. & Grand.*, C. R. cxviii. pp. 122–127 (1894). — Madagascar.
5. **lentus**, *Milne-Edw. & Grand.*, C. R. cxviii. pp. 122–127 (1894). — Madagascar.

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* *Palæocasuarius*, Forbes, Tr. N. Z. Inst. xxiv. p. 189 (1893), seems to be identical.

6. **mulleri**, *Milne-Edw. & Grand.*, C. R. cxviii. pp. 122–127 (1894). — Madagascar.

7. **titan**, *Andrews*, Geol. Mag. 1895, p. 303. — Madagascar.

8. **cursor**, *Milne-Edw. & Grand.*, C. R. cxviii. pp. 122–127 (1894). — Madagascar.

9. **hildebrandti**, *Burckh.*, Pal. Abhandl. (2) ii. p. 127 (1893). — Madagascar.

10. **grandidieri**, *Dawson Rowley*, P. Z. S. 1867, p. 892. — Madagascar.

II. **Mullerornis**, *Milne-Edw. & Grand.*, C. R. cxviii. pp. 122–127.

1. **betsilei**, *Milne-Edw. & Grand. l. c.* — Madagascar.

2. **agilis**, *Milne-Edw. & Grand. l. c.* — Madagascar.

3. **rudis**, *Milne-Edw. & Grand. l. c.* — Madagascar.

Order VI. APTERYGIFORMES.

(Sharpe, Classif. B. p. 67, 1891.)

Family I. APTERYGIDÆ.

(Salvadori, Cat. B. xxvii. pp. 603–612, 1895.)

I. **APTERYX**, *Shaw.*
(Salvad. *t. c.* p. 603.)

1. **australis**, *Shaw.* (p. 604.) — South Isl., New Zealand.

2. **lawryi**, *Rothsch.* (p. 606.) — Stewart Isl., New Zealand.

3. **mantelli**, *Bartl.* (p. 607.) — North Isl., New Zealand.

4. **oweni**, *Gould.* (p. 609.) — South Isl., New Zealand.

5. **occidentalis**, *Rothsch.* (p. 610.) — North & South Islands (west coast).

6. **haasti**, *Potts.* (p. 611.) — C. South Isl. North Isl. (west side).

II. **Pseudapteryx**, *Lydekker*, Cat. Foss. B. p. 218 (1891).

1. **gracilis**, *Lyd. t. c.* p. 218. — New Zealand.

III. **Metapteryx**, *De Vis*, Proc. Linn. Soc. N. S. W. vi. p. 463 (1891).

1. **bifrons**, *De Vis, l. c.* — Queensland.

Sub-Class III. CARINATÆ.

Order I. TINAMIFORMES.

(*Crypturiformes*, Sharpe, Classif. B. p. 68, 1891.)

Family I. TINAMIDÆ.

(Salvadori, Cat. B. xxvii. p. 496, 1895.)

Sub-Family I. *TINAMINÆ.*

I. **TINAMUS**, *Hermann*, Tab. Aff. Anim. p. 162 (1783).
(Salvad. *t. c.* p. 496.)

1. **tao**, *Temm.* (p. 496.)	Venezuela, Colombia, Amazonia, Peru.
2. **robustus**, *Scl.* (p. 500.)	S. Mexico, Guatemala.
3. **fuscipennis**, *Salvad.* (p. 500.)	Nicaragua to Panama.
4. **salvini**, *Underwood*, Bull. B. O. C. vii. p. lix (1898).	Costa Rica.
5. **solitarius** (*Vieill.*). (p. 501.)	S. Brazil.
6. **major** (*Gm.*). (p. 502.)	C. & N. Brazil.
7. **subcristatus** (*Cab.*). (p. 504.)	Guiana.
8. **latifrons**, *Salvad.* (p. 506.)	W. Ecuador.
9. **ruficeps**, *Scl. & Salv.* (p. 506.)	Colombia, E. Ecuador, Upper Amazonia.
10. **castaneiceps**, *Salvad.* (p. 507.)	Panama.
11. **guttatus**, *Pelz.* (p. 508.)	Amazonia, Peru, Ecuador.

II. NOTHOCERCUS, *Bp.*

(Salvad. Cat. B. xxvii. p. 509, 1895.)

1. **julius** (*Bp.*). (p. 509.)	Colombia, Ecuador.
2. **nigricapillus** (*G. R. Gray*). (p. 511.)	? Chile.
3. **bonapartei** (*G. R. Gray*). (p. 511.)	Venezuela, Colombia, Ecuador.
4. **frantzii** (*Lawr.*). (p. 512.)	Costa Rica to Panama.
5. **intercedens**, *Salvad.* (p. 513.)	Colombia.

III. CRYPTURUS, *Illig.*

(Salvad. *t. c.* p. 514.)

1. **cinereus** (*Gm.*). (p. 517.)	Guiana, Upper Amazonia.
2. **berlepschi**, *Rothsch.*, Bull. B. O. Club, vii. p. v (1897).	N. Ecuador.
3. **obsoletus** (*Temm.*). (p. 519.)	Brazil, Bolivia.
4. **cerviniventris**, *Scl. & Salv.* (p. 520.)	Venezuela.
5. **griseiventris**, *Salvad.* (p. 521.)	Amazonia.
6. **castaneus** (*Scl.*). (p. 521.)	Colombia.
7. **pileatus** (*Bodd.*). (p. 522.)	S. Mexico to Guiana, Brazil, and Bolivia.
8. **tataupa** (*Temm.*). (p. 525.)	Brazil to Peru.
9. **parvirostris**, *Wagler.* (p. 527.)	E. Brazil to Peru.
10. **kerberti**, *Büttik.*, Notes Leyd. Mus. xviii. p. 1 (1896).	Argentina.
11. **undulatus** (*Temm.*). (p. 527.)	Paraguay, N.E. Argentina.
12. **scolopax** (*Bp.*). (p. 528.)	Bolivia, C. Brazil.
13. **adspersus** (*Temm.*). (p. 529.)	Brazil, ? Colombia.

14. **simplex,** *Salvad.* (p. 531.)	British Guiana.
15. **balstoni,** *Bartl.* (p. 531.)	Upper Amazonia.
16. **atricapillus,** *Tschudi.* (p. 532.)	Peru.
17. **garleppi,** *Berlepsch.* (p. 533.)	Bolivia.
18. **rubripes,** *Tacz.* (p. 514, note.)	Peru.
19. **strigulosus** (*Temm.*). (p. 533.)	Lower Amazonia.
20. **erythropus** (*Pelz.*). (p. 534.)	C. Amazonia.
21. **variegatus** (*Gm.*). (p. 535.)	E. Brazil, Guiana.
22. **salvini,** *Salvad.* (p. 537.)	E. Ecuador.
23. **brevirostris** (*Pelz.*). (p. 538.)	Lower Rio Negro, Amazonia.
24. **bartletti,** *Scl. & Salv.* (p. 538.)	Upper Amazonia.
25. **noctivagus** (*Neuwied*). (p. 539.)	E. Brazil.
26. **dissimilis,** *Salvad.* (p. 541.)	British Guiana.
27. **cinnamomeus** (*Less.*). (p. 541.)	S. Mexico to Colombia and Venezuela.
28. **boucardi** (*Scl.*). (p. 544.)	S. Mexico to Costa Rica.
29. **colombianus,** *Salvad.* (p. 544.)	Colombia.
30. **mexicanus,** *Salvad.* (p. 545.)	N.E. Mexico.
31. **occidentalis,** *Salvad.* (p. 546.)	W. Mexico.
32. **transfasciatus,** *Scl. & Salv.* (p. 546.)	W. Ecuador.

IV. RHYNCHOTUS, *Spix.*

(Salvad. Cat. B. xxvii. p. 547, 1895.)

1. **rufescens** (*Temm.*). (p. 548.)	Argentina, S. & E. Brazil.
2. **maculicollis,** *Gray.* (p. 550.)	Bolivia.

V. NOTHOPROCTA, *Scl. & Salv.*

(Salvad. Cat. B. xxvii. p. 550, 1895.)

1. **taczanowskii**, *Scl. & Salv.* (p. 551.)	C. & S. Peru.
2. **cinerascens** (*Burm.*). (p. 552.)	W. Argentina.
3. **perdicaria** (*Kittl.*). (p. 553.)	N. & C. Chile.
4. **coquimbica**, *Salvad.* (p. 554.)	S. Chile.
5. **pentlandi** (*Gray*). (p. 555.)	Bolivia, N.W. Argentina.
6. **curvirostris**, *Scl. & Salv.* (p. 556.)	Ecuador, N. Peru.
7. **ornata** (*Gray*). (p. 557.)	Bolivia.
8. **branicki**, *Tacz.* (p. 558.)	C. Peru.

VI. NOTHURA, *Wagler.*

(Salvad. *t. c.* p. 558.)

1. **maculosa** (*Temm.*). (p. 559.)	Argentina, South Brazil.
2. **nigriguttata**, *Salvad.* (p. 560.)	C. Argentina.
3. **boliviana**, *Salvad.* (p. 561.)	Bolivia.
4. **marmorata**, *Gray.* (p. 561.)	Bolivia.
5. **boraquira** (*Spix*). (p. 561.)	W. Argentina.
6. **darwini**, *Gray.* (p. 562.)	Argentina, Patagonia.
7. **media** (*Spix*). (p. 563.)	S. Brazil.
8. **paludosa**, *Mercerat*, An. Soc. Argent. xliii. p. 239 (1897).	Patagonia (Miocene).

VII. TAONISCUS, *Gloger.*

(Salvad. *t. c.* p. 564.)

1. **nanus** (*Temm.*). (p. 564.)	E. Brazil, Paraguay.

Sub-Family II. *TINAMOTIDINÆ.*

(Salvadori, Cat. B. xxvii. p. 566, 1895.)

VIII. **CALOPEZUS**, *Ridgw.*
(Salvad. *t. c.* p. 566.)

1. **elegans** (*D'Orb. & Geoffr.*). (p. 566.)	W. Argentina, Patagonia.

IX. **TINAMOTIS**, *Vig.*
(Salvad. *t. c.* p. 567.)

1. **pentlandi**, *Vig.* (p. 568.)	N. Chile, Peru, Ecuador.
2. **ingoufi**, *Oust.* (p. 569.)	E. Patagonia.

Order II. GALLIFORMES.

(Sharpe, Classif. B. p. 68, 1891.)

Sub-Order I. *MEGAPODII.*

(Sharpe, *t. c.* p. 68.)

Family I. **MEGAPODIIDÆ.**

(Ogilvie Grant, Cat. B. xxii. p. 446, 1893.)

I. **MEGAPODIUS**, *Q. & G.*
(Ogilvie Grant, *t. c.* p. 446.)

1. **nicobariensis**, *Blyth.* (p. 447.)	Nicobar Is.
2. **tenimberensis**, *Scl.* (p. 448.)	Tenimber Is.
3. **cumingi**, *Dillw.* (p. 449.)	Philippines, Is. of N.W. Borneo, Celebean Is.
4. **sanghirensis**, *Schl.* (p. 450.)	Sangi Is. Talaut Is.
5. **bernsteini**, *Schl.* (p. 450.)	Sula Is.
6. **forsteni**, *Gray.* (p. 451.)	Moluccas.
7. **affinis**, *A. B. Meyer.* (p. 451, pt.)	N.W. New Guinea, Jobi Isl.

8. **brunneiventris,** *A. B. Meyer.* (p. 452.)	S.E. New Guinea.
9. **eremita,** *Hartl.* (p. 452.)	E. Papuan Is.
10. **macgillivrayi,** *Gray.* (p. 453.)	S.E. New Guinea, Louisiade Is.
11. **duperreyi,** *Less. & Garn.* (p. 454.)	Kangean Is., Lesser Sunda Is., New Guinea, N. Australia.
12. **freycineti,** *Q. & G.* (p. 457.)	Moluccas. W. New Guinea.
13. **geelvinkianus,** *A. B. Meyer.* (p. 459.)	N.W. New Guinea, Is. of Geelvink Bay.
14. **layardi,** *Tristr.* (p. 459.)	New Hebrides.
15. **lapeyrousei,** *Temm.* (p. 460.)	Mariannes.
16. **senex,** *Hartl.* (*Cf.* Hartert, Nov. Zool. v. p. 62, 1898.)	Pelew Is.
17. **pritchardi,** *Gray.* (p. 461.)	Ninafou Isl.

II. **EULIPOA,** *Ogilvie Grant.*
(Ogilvie Grant, Cat. B. xxii. p. 462, 1893.)

1. **wallacei** (*Gray*). (p. 462.)	Molucca Is.

III. **LIPOA,** *Gould.*
(Ogilvie Grant, *t. c.* p. 463.)

1. **ocellata,** *Gould.* (p. 463.)	S. & W. Australia.

IV. **TALEGALLUS,** *Less.*
(Ogilvie Grant, *t. c.* p. 464.)

1. **cuvieri,** *Less.* (p. 465.)	W. New Guinea, Molucca Is.
2. **fuscirostris,** *Salvad.* (p. 466.)	New Guinea, Aru Is.
3. **jobiensis,** *A. B. Meyer.* (p. 467.)	New Guinea, Jobi Isl.
4. **longicaudus,** *A. B. Meyer.* (p. 467.)	S.E. New Guinea.

V. **CATHETURUS**, *Swains.*
(Ogilvie Grant, Cat. B. xxii. p. 467, 1893.)

1. **lathami** (*Lath.*). (p. 468.) — E. Australia.
2. **purpureicollis** (*Le Souëf*, Ibis, 1898, p. 51). — Cape York.

VI. **ÆPYPODIUS**, *Oust.*
(Ogilvie Grant, *t. c.* p. 469.)

1. **bruijni** (*Oust.*). (p. 470.) — Waigiou.
2. **arfakianus** (*Salvad.*). (p. 470.) — N.W. & S.E. New Guinea.

VII. **MEGACEPHALUM**, *Temm.*
(Ogilvie Grant, *t. c.* p. 471.)

1. **maleo**, *Hartl.* (p. 472.) — Celebes, Sangi Is.

Sub-Order II. *CRACES.*
(Sharpe, Classif. B. p. 68, 1891.)

Family I. **CRACIDÆ.**
(Ogilvie Grant, Cat. B. xxii. pp. 473–522, 1893.)

I. **CRAX**, *Linn.*
(Ogilvie Grant, *t. c.* p. 474.)

1. **alector**, *Linn.* (p. 475.) — Brit. Guiana, N. Amazonia.
2. **erythrognatha**, *Scl. & Salv.*, P. Z. S. 1877, p. 22. [*alector*, pt., Grant, Cat. p. 475.] — Colombia.
3. **fasciolata**, *Spix.* (p. 476.) — Brazil, Bolivia, Amazonia.
4. **pinima**, *Pelz.* (p. 477.) — Amazonia.
5. **globicera**, *Linn.* (p. 478.) — Mexico, Honduras, Guatemala.
6. **panamensis**, *Ogilvie Grant.* (p. 479.) — Nicaragua, Costa Rica, Panama.
7. **grayi**, *Ogilvie Grant.* (p. 480.) — Patr. ign.

8. **carunculata,** *Temm.* (p. 481.)	Brazil.
9. **globulosa,** *Spix.* (p. 482.)	Amazonia.
10. **daubentoni,** *Gray.* (p. 482.)	Venezuela.
11. **alberti,** *Fraser.* (p. 483.)	Colombia.
12. **hecki,** *Reichen.*, J. f. O. 1894, p. 231.	Patr. ign.

II. **NOTHOCRAX,** *Burm.*
(Ogilvie Grant, Cat. B. xxii. p. 484, 1893.)

1. **urumutum** (*Spix*). (p. 484.)	Guiana, Amazonia.

III. **MITUA,** *Less.*
(Ogilvie Grant, *t. c.* p. 485.)

1. **mitu** (*Linn.*). (p. 485.)	Guiana, Amazonia, Bolivia, Peru.
2. **tomentosa** (*Spix*). (p. 486.)	Guiana, Amazonia.
3. **salvini,** *Reinh.* (p. 487.)	Ecuador.

IV. **PAUXIS,** *Temm.*
(Ogilvie Grant, *t. c.* p. 487.)

1. **pauxi** (*Linn.*). (p. 488.)	Colombia, Venezuela, Guiana, Peru.

V. **OREOPHASIS,** *Gray.*
(Ogilvie Grant, *t. c.* p. 489.)

1. **derbianus,** *Gray.* (p. 489.)	Guatemala to Chiapas, S. Mexico.

VI. **PENELOPE,** *Merrem.*
(Ogilvie Grant, *t. c.* p. 490.)

1. **superciliaris,** *Illig.* (p. 491.)	Brazil.
2. **montagnei** (*Bp.*). (p. 492.)	Colombia, Venezuela, Ecuador.
3. **sclateri,** *Gray.* (p. 493.)	Peru, Bolivia.

4. **jacupeba,** *Spix.* (p. 494.)	Colombia, Guiana, Amazonia.
5. **marail,** *Gm.* (p. 495.)	Guiana.
6. **ortoni,** *Salvin.* (p. 496.)	W. Ecuador.
7. **purpurascens,** *Wagl.* (p. 496.)	Mexico to Guatemala.
8. **obscura,** *Illig.* (p. 497.)	S. Brazil, Bolivia.
9. **cristata** (*Linn.*). (p. 498.)	Nicaragua to Colombia, Ecuador.
10. **boliviana,** *Bp.* (p. 499.)	Amazonia, Peru, Bolivia.
11. **pileata,** *Wagl.* (p. 500.)	Amazonia.
12. **ochrogaster,** *Pelz.* (p. 501.)	C. Brazil.
13. **jacucaca,** *Spix.* (p. 501.)	Brazil.
14. **argyrotis** (*Bp.*). (p. 501.)	Colombia, Venezuela, Ecuador.
15. **albipennis,** *Tacz.* (p. 502.)	W. Peru.

VII. PENELOPINA, *Reichenb.*

(Ogilvie Grant, Cat. B. xxii. p. 502, 1893.)

1. **nigra** (*Fraser*). (p. 503.)	Highlands of Guatemala and Nicaragua.

VIII. ORTALIS, *Merrem.*

(Ogilvie Grant, *t. c.* p. 504.)

1. **motmot** (*Linn.*). (p. 505.)	Guiana, Amazonia.
2. **araucuan** (*Spix*). (p. 506.)	Brazil.
3. **ruficeps** (*Wagl.*). (p. 506.)	Brazil.

4. **wagleri** (*Gray*). (p. 507.)	W. Mexico.
5. **ruficauda** (*Jard.*). (p. 507.)	Venezuela, Tobago.
6. **canicollis** (*Wagl.*). (p. 508.)	Argentina, Paraguay.
7. **albiventris** (*Wagl.*). (p. 508.)	Brazil.
8. **squamata** (*Less.*). (p. 509.)	S. Brazil.
9. **caracco** (*Wagl.*). (p. 509.)	Colombia, Upper Amazonia.
10. **guttata** (*Spix*). (p. 510.)	Colombia to Peru, Bolivia, Amazonia.
11. **superciliaris** (*Gray*). (p. 511.)	Patr. ign.
12. **poliocephala** (*Wagl.*). (p. 511.)	Mexico.
13. **vetula** (*Wagl.*). (p. 512.)	S. Mexico to Colombia.
14. **pallidiventris**, *Ridgw.* [*vetula*, pt., Grant, Cat. p. 512.]	Yucatan.
15. **maccalli**, *Baird.* (p. 512, pt.) [*vetula*, pt., Grant, Cat. p. 512.]	S. Texas to Tamaulipas.
16. **leucogastra** (*Gould*). (p. 514.)	W. Guatemala, S. Salvador to Nicaragua.
17. **garrula** (*Humb.*). (p. 515.)	Colombia, Venezuela.
18. **cinereiceps** (*Gray*). (p. 515.)	Costa Rica to Panama.
19. **erythroptera** (*Natt.*). (p. 516.)	W. Ecuador.

IX. PIPILE, *Bp.*

(Ogilvie Grant, Cat. B. xxii. p. 516, 1893.)

1. **cumanensis** (*Jacq.*). (p. 517.)	Guiana, Venezuela, Amazonia, Bolivia, Peru.
2. **jacutinga** (*Spix*). (p. 518.)	S.E. Brazil.
3. **cujubi** (*Pelz.*). (p. 519.)	Lower Amazonia.

X. **ABURRIA**, *Reichenb.*
(Ogilvie Grant, Cat. B. xxii. p. 520, 1893.)

1. **aburri** (*Less.*). (p. 520.)	Colombia, Ecuador.

XI. **CHAMÆPETES**, *Wagler.*
(Ogilvie Grant, *t. c.* p. 521.)

1. **goudoti** (*Less.*). (p. 521.)	Colombia, Ecuador, Peru.
2. **unicolor**, *Salvin.* (p. 522.)	Costa Rica, Panama.

Sub-Order III. *PHASIANI.*

(Sharpe, Classif. B. p. 68, 1891.)

Family I. TETRAONIDÆ.

(Ogilvie Grant, Cat. B. xxii. p. 34, 1893.)

I. **LAGOPUS**, *Briss.* (p. 35.)

1. **scoticus** (*Lath.*). (p. 38.)	British Isles.
2. **lagopus** (*Linn.*). (p. 40.)	N. Europe. N. America.
3. **alleni**, *Stejn.* (p. 44.)	Newfoundland.
4. **mutus** (*Montin.*). (p. 44.)	Mts. of Europe to the Ural Mts.
5. **rupestris** (*Gm.*). (p. 48.)	Arctic America. N. Asia to the Ural Mts.
6. **reinhardti**, *Brehm* *, Lehrb. Eur. Vög. p. 440 (1823).	Greenland, Labrador.
7. **nelsoni**, *Stejn.*, Auk, i. p. 226 (1884).	Unalaska Isl.
8. **ridgwayi**, *Stejn.*, Zeitschr. Orn. i. p. 89, pl. iv. (1884). [*insularis*, Bogd. Consp. Av. Imp. Ross. p. 35, 1884.]	Commander Is.

* This and some of the following races are recognized in the A. O. U. Check-List, 1895, pp. 113, 114; but they are disallowed by Mr. Ogilvie Grant in the 'Catalogue of Birds.'

9. **atkensis**, *Turner*, Proc. U.S. Nat. Mus. v. p. 227 (1882).	Atka Isl.
10. **townsendi**, *Elliot*, Auk, xiii. p. 26 (1896).	Kyska & Adak Is., Aleutian Is.
11. **welchi**, *Brewst.*, Auk, ii. p. 194 (1885).	Newfoundland.
12. **evermanni**, *Elliot*, Auk, xiii. p. 25, pl. iii. (1896).	Attu Isl., Aleutian Is.
13. **hyperboreus**, *Sundev.* (p. 51.)	Spitsbergen.
14. **leucurus**, *Swains. & Rich.* (p. 52.)	Mts. of Western North America.

II. LYRURUS, *Swains.*

(Ogilvie Grant, Cat. B. xxii. p. 53, 1893.)

1. **tetrix** (*Linn.*). (p. 53.)	Europe. N. & Centr. Asia.
2. **viridanus** (*Lorenz*, J. f. O. 1891, p. 366).	S. Russia to Turkestan.
3. **tschusii**, *Johansen*, Orn. Jahrb. ix. Beilage (1898).	W. Siberia.
4. **mlokosiewiczi** (*Tacz.*). (p. 58.)	Caucasus.

III. TETRAO, *Linn.*

(Ogilvie Grant, *t. c.* p. 59.)

1. **urogallus**, *Linn.* (p. 60.)	Europe. N. & Centr. Asia to Lake Baikal.
2. **uralensis**, *Menzbier.* (p. 65.)	Ural Mts.
3. **parvirostris**, *Bp.* (p. 66.)	N.E. Siberia.
4. **kamtchaticus**, *Kittl.* (p. 67.)	Kamtchatka.
5. **sp.**, *Issel*, Atti Accad. Rom. 1878, p. 82.	Italy (Pleistocene).
6. **medius**, *Meyer* (= *T. urogallus* × *L. tetrix*).	Europe.

IV. CANACHITES, *Stejn.*

(Ogilvie Grant, *t. c.* p. 68.)

1. **canadensis** (*Linn.*). (p. 69.)	British N. America, N.E. U. States.
2. **franklini** (*Dougl.*). (p. 71.)	Northern Rocky Mts.

V. **FALCIPENNIS**, *Elliot.*
(Ogilvie Grant, Cat. B. xxii. p. 72, 1893.)

1. **falcipennis** (*Hartl.*). (p. 72.) — N.E. Siberia, Kamtchatka.

VI. **DENDRAGAPUS**, *Elliot.*
(Ogilvie Grant, *t. c.* p. 73.)

1. **obscurus** (*Say*). (p. 74.) — Rocky Mts. from New Mexico and Arizona to Montana and Idaho.
2. **fuliginosus**, *Ridgw.* (p. 76.) — California to Sitka, Alaska.
3. **richardsoni** (*Dougl.*). (p. 76.) — Northern Rocky Mts.

VII. **TYMPANUCHUS**, *Gloger.*
(Ogilvie Grant, *t. c.* p. 77.)

1. **cupido** (*Linn.*). (p. 77.) — Martha's Vineyard, Mass.
2. **americanus** (*Reichenb.*). (p. 78.) — N. America, Mississippi Valley.
3. **attwateri**, *Bendire*. Forest & Stream, xl. no. 20, p. 425 (1893). — Louisiana, Texas (coast).
4. **pallidicinctus** (*Ridgw.*). (p. 80.) — Texas to Kansas.

VIII. **CENTROCERCUS**, *Swains.*
(Ogilvie Grant, *t. c.* p. 80.)

1. **urophasianus** (*Bp.*). (p. 81.) — Western N. America.

IX. **PEDIŒCETES**, *Baird* *.
(Ogilvie Grant, *t. c.* p. 82.)

1. **phasianellus** (*Linn.*). (p. 82.) — British N. America.
2. **columbianus** (*Ord*). (p. 83.) — Western N. America.
3. **campestris**, *Ridgw.*, Proc. Biol. Soc. Wash. ii. p. 93 (1884). — Prairie Region of N. America.
4. **lucasi**, *Shufeldt*, Auk, viii. p. 367 (1891). — S.W. Oregon (Pliocene).
5. **nanus**, *Shufeldt*, *t. c.* p. 367; id. Journ. Acad. Nat. Sci. Philad. ix. p. 414 (1892). — Oregon (Pliocene).

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* *Cf.* Gill, Auk, xvi. p. 107 (1899).

X. **Palaeotetrix**, *Shufeldt.*
(Shufeldt, Auk, viii. p. 367, 1891.)

1. **gilli**, *Shufeldt, l. c.*; id. Journ. Acad. Nat. Sci. Philad. ix. p. 416 (1892).	Oregon (Pliocene).

XI. **BONASA**, *Steph.*
(Ogilvie Grant, Cat. B. xxii. p. 85, 1893.)

1. **umbellus** (*Linn.*). (p. 85.)	Eastern N. America.
2. **togata** (*Linn.*, S. N. i. p. 275). *	Canada and Northern United States.
3. **umbelloides**, *Dougl.*, Tr. Linn. Soc. xvi. p. 148 (1829). *	Northern Rocky Mts. to Alaska.
4. **sabinei**, *Dougl. t. c.* p. 137. *	California to British Columbia.

XII. **TETRASTES**, *Keys. u. Blas.*
(Ogilvie Grant, *t. c.* p. 89.)

1. **bonasia** (*Linn.*). (p. 90.)	Europe. N. Asia.
2. **septentrionalis**, *Scebohm*, Ibis, 1884, p. 430.	N.E. Europe, Siberia.
3. **griseiventris**, *Menzb.* (p. 93.)	E. Russia.
4. **severtzovi**, *Prjev.* (p. 93.)	W. China.

Family II. PHASIANIDÆ.

(*Cf.* Ogilvie Grant, Cat. B. xxii. p. 94, 1893.)

I. **LERWA**, *Hodgs.*
(Ogilvie Grant, *t. c.* p. 100.)

1. **lerwa** (*Hodgs.*). (p. 100.)	Himalayas, Mts. of W. China.

II. **TETRAOPHASIS**, *Elliot.*
(Ogilvie Grant, *t. c.* p. 102.)

1. **obscurus** (*J. Verr.*). (p. 102.)	E. Thibet, Mts. of W. China.
2. **szechenyii**, *Madarász.* (p. 103.)	Thibet, W. China.

* These races are recognized in the A. O. U. Check-List, but not by Mr. Ogilvie Grant. Professor Coues tells me that, in his opinion, no. 2 cannot be upheld, but that nos. 3 and 4 are fairly recognizable.

III. TETRAOGALLUS, *J. E. Gray.*

(Ogilvie Grant, Cat. B. xxii. p. 103, 1893.)

1. **tibetanus,** *Gould.* (p. 104.)	Thibet, W. China.
2. **henrici,** *Oust.* (p. 106.)	W. China.
3. **altaicus** (*Gebler*). (p. 110.)	Altai Mts.
4. **himalayensis,** *J. E. Gray.* (p. 106.)	Himalayas, Altai Mts.
5. **grombezewskii,** *Bianchi,* Ann. Mus. Zool. St. Pétersb. 1898, p. 116 (1898).	Western Kuen-Lun.
6. **koslowi,** *Bianchi, t. c.* p. 117 (1898).	Altyn-Tag, Nan-shan Mts.
7. **caspius** (*Gm.*). (p. 108.)	Asia Minor, Caucasus, Persia.
8. **caucasicus** (*Pall.*). (p. 109.)	Caucasus.

IV. CACCABIS, *Kaup.*

(Ogilvie Grant, *t. c.* p. 110.)

1. **saxatilis** (*Wolf & Meyer*). * (p. 111.)	Mts. of S. Europe.
2. **chukar,** *J. E. Gray.* (p. 113.)	S.E. Europe, Persia, Arabia, C. Asia to China.
3. **magna,** *Prjev.* (p. 120.)	W. China, N. Thibet.
4. **rufa** (*Linn.*). (p. 118.)	S. & C. Europe. Canaries.
5. **hispanica,** *Seoane,* Mém. Soc. Zool. France, vii. p. 93 (1894).	Spain.
6. **petrosa** (*Gm.*). (p. 120.)	S.E. Europe. N.W. Africa. Canary Is.
7. **barbata,** *Reichen.,* Orn. MB. iv. p. 76 (1896).	Patr. ign.
8. **spatzi,** *Reichen.,* J. f. O. 1895, p. 110.	S. Tunis.
9. **melanocephala** (*Rüpp.*). (p. 122.)	Arabia.

* Dr. Fatio described a *Perdix saxatilis* var. *melanocephala* in 1890 from Valais, Switzerland (Drasia, viii, no. xiii. p. 150. *Cf.* Fatio, Bull. Soc. Zool. France, xix. p. 74, 1894). If it be more than an accidental variety the name could not in any case stand, being preoccupied by No. 9.

V. AMMOPERDIX, *Gould.*

(Ogilvie Grant, Cat. B. xxii. p. 123, 1893.)

1. **bonhami** (*Fraser*). (p. 123.)	Persia, Arabia, N.W. India.
2. **heyi** (*Temm.*). (p. 125.)	Arabia, Palestine.
3. **cholmleyi**, *Ogilvie Grant*, Handb. Game-Birds, ii. App. p. 293 (1896).	Egypt, Nubia.

VI. FRANCOLINUS, *Steph.*

(Ogilvie Grant, *t. c.* p. 127.)

1. **francolinus** (*Linn.*). (p. 132.)	N.E. Europe, Persia, N.W. & C. India, E. Bengal.
2. **chinensis** (*Osbeck*). (p. 136.)	Burma, S. China.
3. **pictus** (*J. & S.*). (p. 138.)	W. & C. India, Ceylon.
4. **lathami**, *Hartl.* (p. 139.)	W. Africa.
5. **pondicerianus** (*Gm.*). (p. 141.)	Arabia, S. Persia, India.
6. **coqui** (*Smith*). (p. 143.)	S. & E. Africa.
7. **hubbardi**, *Ogilvie Grant*, Bull. Brit. Orn. Club, iv. p. xxvii (1895).	Victoria Nyanza.
8. **schlegeli**, *Heugl.* (p. 145.)	Equat. Africa. ? Gold Coast.
9. **streptophorus**, *Ogilvie Grant.* (p. 145.)	Mt. Elgon, Masai-land.
10. **sephæna** (*Smith*). (p. 146.)	S. & S.W. Africa.
11. **granti**, *Hartl.* (p. 148.)	E. Africa.
12. **spilogaster**, *Salvad.* (p. 149.)	Harar.
13. **kirki**, *Hartl.* (p. 149.)	E. Africa, Rovuma R. to Somali-land.

14. **albigularis,** *Hartl.* (p. 149.)	Senegambia.
15. **spilolæmus,** *Gray.* (p. 150.)	Shoa.
16. **gutturalis,** *Des Murs.* (p. 151.)	Abyssinia, Somali-land.
17. **lorti,** *Sharpe*, Bull. Brit. Orn. Club, vi. p. xlvii (1897).	Goolis Mts., Somali-land.
18. **uluensis,** *Ogilvie Grant.* (p. 151.)	Ukambani, E. Africa.
19. **africanus** (*Steph.*). (p. 152.)	C. & S. Africa.
20. **finschi,** *Bocage.* (p. 153).	Benguela.
21. **bottegi,** *Salvad.*, Ann. Mus. Genov. xviii. p. 652 (1898).	Burgi, S.W. of Shoa.
22. **castaneicollis,** *Salvad.* (p. 153.)	Shoa.
23. **levaillanti** (*Temm.*). (p. 154.)	S. Africa.
24. **crawshayi,** *Ogilvie Grant*, Ibis, 1896, p. 482, pl. xii.	Western Nyasa-land.
25. **kikuyuensis,** *Ogilvie Grant*, Bull. Brit. Orn. Club, vi. p. xxiii (1897).	Equatorial British E. Africa.
26. **gariepensis,** *Smith.* (p. 155.)	S.E. Africa.
27. **jugularis,** *Büttik.* (p. 156.)	S.W. Africa.
28. **shelleyi** *Ogilvie Grant.* (p. 157.)	S.E. Africa.
29. **elgonensis,** *Ogilvie Grant.* (p. 157.)	Mt. Elgon, Equat. Africa.
30. **gularis,** *Temm.* (p. 158.)	Terai, E. Himalayas, Tippera, Cachar.
31. **adspersus,** *Waterh.* (p. 159.)	S.W. Africa.
32. **griseostriatus,** *Ogilvie Grant.* (p. 160.)	R. Coanza, S.W. Africa.
33. **bicalcaratus** (*Linn.*). (p. 160.)	W. Africa, Morocco.

34. **clappertoni,** *Childr.* (p. 162.)	C. & E. Soudan.
35. **gedgei,** *Ogilvie Grant.* (p. 163.)	Mt. Elgon, Equatorial Africa.
36. **dybowskii,** *Oust.*, Le Nat. (2) xiv. p. 232 (1893).	Upper Congo.
37. **hartlaubi,** *Bocage.* (p. 163.)	Mossamedes.
38. **icterorhynchus,** *Heugl.* (p. 163.)	Equatorial Africa.
39. **sharpii,** *Ogilvie Grant.* (p. 164.)	Abyssinia, Shoa.
40. **capensis** (*Gm.*). (p. 165.)	Cape Colony.
41. **natalensis,** *A. Smith.* (p. 166.)	S.E. Africa.
42. **hildebrandti,** *Cab.* (p. 168.)	E. Africa.
43. **johnstoni,** *Shelley.* (p. 559.)	Nyasa-land.
44. **fischeri,** *Reichen.* (p. 169.)	E. Africa.
45. **squamatus,** *Cass.* (p. 169.)	Gaboon, Congo.
46. **schuetti,** *Cab.* (p. 170.)	Angola, E. Africa.
47. **ahantensis,** *Temm.* (p. 171.)	Gold Coast, Liberia.
48. **jacksoni,** *Ogilvie Grant.* (p. 171.)	Equatorial Africa.
49. **erckeli** (*Rüpp.*). (p. 172.)	N.E. Africa, Suakin to Shoa.

VII. PTERNISTES, *Wagler.*

(Ogilvie Grant, Cat. B. xxii. p. 173, 1893.)

1. **nudicollis** (*Bodd.*). (p. 174.)	Cape Colony to Transvaal.
2. **melanogaster,** *Oscar Neumann*, J. f. O. 1898, p. 299, Taf. iii. fig. 1.	E. Africa.
3. **humboldti** (*Peters*). (p. 176.)	E. Africa, Zambesi to Tana R.

4. **afer** (*P. L. S. Müll.*). (p. 177.)	S.W. Africa, Mossamedes, Benguela.
5. **cranchi** (*Leach*). (p. 178.)	W. Africa, ? to Marungu.
6. **boehmi**, *Reichen.* (p. 179.)	Central E. Africa.
7. **swainsoni** (*Smith*). (p. 179.)	S.E. Africa, Damara-land.
8. **rufopictus**, *Reichen.* (p. 180.)	E. Africa, Masai-land, Unyoro.
9. **leucoscepus** (*Gray*). (p. 181.)	N.E. Africa, Bogos, Abyssinia, to Somali-land.
10. **infuscatus**, *Cab.* (p. 182.)	E. Africa, Kilimanjaro to Somali-land.

VIII. RHIZOTHERA, *Gray.*

(Ogilvie Grant, Cat. B. xxii. p. 183, 1893.)

1. **longirostris** (*Temm.*). (p. 183.)	Malay Peninsula, Sumatra.
2. **dulitensis**, *Ogilvie Grant*, Bull. Brit. Orn. Club, iv. p. xxvii (1895).	Mt. Dulit, Sarawak.

IX. PERDIX, *Briss.*

(Ogilvie Grant, *t. c.* p. 185.)

1. **perdix** (*Linn.*).* (p. 185.)	Europe. C. Asia.
2. **robusta**, *Homeyer & Tancré*, MT. orn. Ver. Wien, vii. p. 92, Taf. (1883).	E. Europe, S. Siberia.
3. **hispaniensis**, *Reichen.*, J. f. O. 1892, p. 226. [*P. charreola*, Seoane, Bull. Soc. Zool. France, vii. p. 94, 1894.]	Spain.
4. **damascena** (*Gm.*). (p. 192.)	W. Europe.

* The following races of the Common Partridge—*P. robusta* (*Starna cinerea*, var. *robusta*), Moscow; *P. sphagnetorum* (*S. cinerea*, var *sphagnetorum*), East Friesland; *P. scanica* (*S. cinerea*, var. *scanica*), S. Sweden; and *P. lucida* (*S. cinerea*, var. *lucida*), East Prussia—have been differentiated by Dr. Altum, J. f. O. 1894, pp. 254–269.

5. **daurica** (*Pall.*). (p. 192.)	C. & N.E. Asia, Tian-shan Mts., Amoor-land.
6. **turcomana**, *Stolzm.*, Bull. Soc. Nat. Moscou, 1897, p. 79.	Ferghana.
7. **hodgsoniæ** (*Hodgs.*). (p. 193.)	Thibet, Himalayas (12,000 feet).
8. **sifanica**, *Prjev.* (p. 195.)	Thibet, Kansu.
9. **sp.**, *Issel*, Atti Acc. Rom. 1878, p. 82.	Italy (Pleistocene).

X. Palaeortyx, *Milne-Edwards.*

(Milne-Edwards, Ois. Foss. France, ii. p. 217, 1869; Lydekker, Cat. Foss. B. p. 136, 1891.)

1. **hoffmanni**, *Gervais*, Zool. et Pal. Franç. i. p. 229; 1852.	France (Upper Eocene).
2. **blanchardi**, *Milne-Edw. t. c.* p. 223.	France (Upper Eocene).
3. **gallica**, *Milne-Edw. t. c.* p. 230.	France (Lower Miocene).
4. **brevipes**, *Milne-Edw. t. c.* p. 235.	France (Lower Miocene).
5. **caylusensis**, *Lydekker*, Cat. Foss. B. p. 138.	France (Lower Miocene).
6. **sp.**, *Lydekker*, *t. c.* p. 138.	France (Lower Miocene).
7. **maxima**, *Lydekker*, P. Z. S. 1893, p. 520, pl. xli. fig. 11.	France (Miocene).
8. **gribensis**, *Lydekker*, *t. c.* p. 521, pl. xli. fig. 12.	France (Miocene).
9. **sp.**, *Lydekker*, *t. c.* p. 521, pl. xli. fig. 13.	France (Miocene).
10. **edwardsi**, *Depéret*, Arch. Mus. Lyon. iv. p. 285 (1887); Lydekker, P. Z. S. 1893, p. 519, pl. xli. figs. 9, 10.	France (Middle Miocene).
11. **phasianoides**, *Milne-Edw. t. c.* p. 237; Lydekker, Cat. Foss. B. p. 139.	France (Lower Miocene).
12. **ocyptera**, *Milne-Edw.*, C. R. II. Congr. Intern. Zool. ii. p. 71 (1892).	France (Eocene).

XI. **Palaeoperdix**, *Milne-Edwards.*
(Milne-Edwards, Ois. Foss. France, ii. p. 245, 1879.)

1. **longipes**, *Milne-Edw. t. c.* p. 245. — France (Middle Miocene).

2. **prisca**, *Milne-Edw. t. c.* p. 246. — France (Middle Miocene).

?3. **sansaniensis**, *Milne-Edw. t. c.* p. 249. — France (Middle Miocene).

XII. **Taoperdix**, *Milne-Edwards.*
(Milne-Edwards, *t. c.* p. 225.)

1. **pessieti**, *Gervais*, C. R. liv. p. 896, 1861. — France (Eocene).

XIII. **Palaeocryptonyx**, *Depéret.*
(Depéret, C. R. civ. p. 691, 1892.)

1. **donnezani**, *Depéret, l. c.* — France (Pliocene).

XIV. **MARGAROPERDIX**, *Reichenb.*
(Ogilvie Grant, Cat. B. xxii. p. 195, 1893.)

— 1. **madagascariensis** (*Scop.*). (p. 196.) — Madagascar.

XV. **PERDICULA**, *Hodgs.*
(Ogilvie Grant, *t. c.* p. 197.)

— 1. **asiatica** (*Lath.*). (p. 198.) — Indian Peninsula, Ceylon.

2. **argoondah** (*Sykes*). (p. 200.) — Indian Peninsula.

XVI. **MICROPERDIX**, *Gould.*
(Ogilvie Grant, *t. c.* p. 202.)

— 1. **erythrorhyncha** (*Sykes*). (p. 203.) — S.W. of Indian Peninsula.

2. **blewitti**, *Hume.* (p. 204.) — Central Prov. of Indian Peninsula.

3. **manipurensis** (*Hume*). (p. 204.) — Manipur.

XVII. ARBORICOLA, *Hodgs.*

(Ogilvie Grant, Cat. B. xxii. p. 205, 1893.)

1. **torqueola** (*Valenc.*). (p. 207.)	Himalayas (5000-14,000 feet). Naga Hills.
2. **henrici**, *Oust.*, Bull. Mus. Paris, 1896, p. 317.	Annam.
3. **atrigularis**, *Blyth.* (p. 209.)	Tippera, Assam, Manipur, Cachar, Kachin Hills.
4. **ardens**, *Styan.* (p. 210.)	Hainan.
5. **crudigularis** (*Swinh.*). (p. 211.)	Formosa.
6. **intermedia**, *Blyth.* (p. 211.)	Hills of Manipur, Assam, and Burma.
7. **rufigularis**, *Blyth.* (p. 212.)	Himalayas, from Kumaon to Assam; Tenasserim (Mooleyit).
8. **gingica** (*Gm.*). (p. 213.)	? Luzon.
9. **mandellii** (*Hume*). (p. 214.)	Native Sikhim, Bhotan Doars. Goalpara, Assam.
10. **javanica** (*Gm.*). (p. 214.)	Java.
11. **rubrirostris** (*Salvad.*). (p. 215.)	Sumatra.
12. **brunneipectus**, *Blyth.* (p. 216.)	Pegu Hills, Karen-nee, Tenasserim.
13. **hyperythra** (*Sharpe*). (p. 217.) [*erythrophrys*, Sharpe (p. 218).]	N.W. Borneo (Kina Balu, Lawas Mts.).
14. **orientalis** (*Horsf.*). (p. 218.)	E. Java.
15. **sumatrana** (*Ogilvie Grant*). (p. 219.)	Sumatra.

XVIII. **TROPICOPERDIX**, *Blyth.*

(Ogilvie Grant, Handb. Game-Birds, i. p. 172, 1896.)

1. **chloropus** (*Tickell*). (p. 219.)	E. Pegu Hills, Tenasserim, Cochin China.
2. **charltoni** (*Eyton*). (p. 221.)	Siam, Malay Peninsula, N. & N.E. Borneo.

XIX. **HÆMATORTYX**, *Sharpe.*

(Ogilvie Grant, Cat. B. xxii. p. 221, 1893.)

1. **sanguiniceps**, *Sharpe.* (p. 222.)	Lawas Mts., Kina Balu (N.W. Borneo).

XX. **CALOPERDIX**, *Blyth.*

(Ogilvie Grant, *t. c.* p. 222.)

1. **oculea** (*Temm.*). (p. 222.)	S. Tenasserim, Malay Peninsula.
2. **sumatrana**, *Ogilvie Grant.* (p. 224.)	Sumatra, Java.
3. **borneensis**, *Ogilvie Grant.* (p. 224.)	N.W. Borneo (Mt. Dulit).

XXI. **ROLLULUS**, *Bonn.*

(Ogilvie Grant, *t. c.* p. 225.)

1. **roulroul** (*Scop.*). (p. 225.)	Cochin China, S. Tenasserim, Malay Peninsula, Sumatra, Java, Borneo.

XXII. **MELANOPERDIX**, *Jerd.*

(Ogilvie Grant, *t. c.* p. 227.)

1. **nigra** (*Vig.*). (p. 228.)	Malay Peninsula, Sumatra, Borneo.

XXIII. COTURNIX, *Bonn.*

(Ogilvie Grant, Cat. B. xxii. p. 229, 1893.)

1. **coturnix** (*Linn.*). (p. 231.)*	Europe, N. Asia. Indian Peninsula, S. Africa (*winter*).
2. **africana** (*T. & S.*). [*capensis*, Ogilvie Grant, *t. c.* p. 237. *Cf.* Stejneger, Pr. U.S. Nat. Mus. xvi. p. 766 (1893).]	S. Africa. Lemuria. Atlantic Islands (Azores, Canaries, &c.).
3. **japonica** (*T. & S.*). (p. 239.)	E. Siberia, Japan, China. Bhutan, Karen-nee (*winter*).
4. **coromandelica** (*Gm.*). (p. 241.)	Indian Peninsula, N. Ceylon, Burma.
5. **delegorguei**, *Deleg.* (p. 243.)	Tropical Africa, S. Arabia.
6. **pectoralis**, *Gould.* (p. 244.)	Australia, Tasmania.
7. **novæ-zealandiæ**, *Q. & G.* (p. 245.)	N. Zealand (*extinct*).

XXIV. SYNŒCUS, *Gould.*

(Ogilvie Grant, *t. c.* p. 246.)

1. **australis** (*Temm.*). (p. 247.)	Australia, Tasmania, S.E. New Guinea.
2. **raalteni** (*M. & S.*). (p. 249.)	Lesser Sunda Is. (Timor, Flores, &c.).
3. **pallidior**, *Hartert*, Nov. Zool. iv. p. 271 (1897).	Savu Isl.
4. **plumbeus**, *Salvad.* (Ogilvie Grant, Handb. Game-Birds, p. 192, 1896.)	S.E. New Guinea.

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* *Coturnix baldami*, Brehm, from Spain, is figured as a distinct form by Von Madarász, Aquila, iii. Taf. ii. (1896).

XXV. **EXCALFACTORIA**, *Bp.*

(Ogilvie Grant, Cat. B. xxii. p. 249, 1893.)

1. **chinensis** (*Linn.*). (p. 250.)	Indian Peninsula, Ceylon, Indo-Chinese countries, Formosa, Malay Peninsula. Celebes, Moluccas.
2. **lineata** (*Scop.*). (p. 253.)	Philippines, Borneo, Java, Sumatra, Australia.
3. **lepida**, *Hartl.* (p. 254.)	Bismarck Archipelago. S.E. New Guinea.
4. **adansoni** (*Verr.*). (p. 255.)	Tropical Africa.

XXVI. **PTILOPACHYS**, *Swains.*

(Ogilvie Grant, *t. c.* p. 255.)

1. **fuscus** (*V.*). (p. 256.)	Senegambia, N.E. Africa, Suk country.

XXVII. **BAMBUSICOLA**, *Gould.*

(Ogilvie Grant, *t. c.* p. 257.)

1. **fytchei**, *Anders.* (p. 257.)	Assam, Upper Burma, Szechuen.
2. **thoracica** (*Temm.*). (p. 258.)	S. China.
3. **sonorivox**, *Gould.* (p. 259.)	Formosa.

XXVIII. **GALLIPERDIX**, *Blyth.*

(Ogilvie Grant, *t. c.* p. 260.)

1. **spadicea** (*Gm.*). (p. 261.)	Indian Peninsula.
2. **lunulata** (*Valenc.*). (p. 263.)	Indian Peninsula.
3. **bicalcarata** (*Penn.*). (p. 264.)	Ceylon.

XXIX. OPHRYSIA, *Bp.*

(Ogilvie Grant, Cat. B. xxii. p. 265, 1893.)

1. **superciliosa** (*J. E. Gray*). (p. 266.)	N.W. Himalaya.

XXX. ITHAGENES, *Wagl.*

(Ogilvie Grant, *t. c.* p. 267.)

1. **cruentus** (*Hardw.*). (p. 268.)	Himalayas, Nepal to Bhutan, Thibet.
2. **geoffroyi**, *Verr.* (p. 269.)	E. Thibet, W. Szechuen.
3. **sinensis**, *David.* (p. 270.)	W. China.

XXXI. TRAGOPAN, *Cuvier.*

(Ogilvie Grant, *t. c.* p. 271.)

1. **satyra** (*Linn.*). (p. 271.)	Himalayas, Garhwal to Bhutan.
2. **melanocephalus** (*J. E. Gray*). (p. 273.)	W. Himalayas, Kashmir to Garhwal.
3. **temmincki** (*J. E. Gray*). (p. 275.)	S.W. & C. China, Szechuen, Mishmi Hills.
4. **blythi** (*Jerd.*). (p. 276.)	N.E. Assam, Manipur, Chin Hills.
5. **caboti** (*Gould*). (p. 277.)	S.E. China.

XXXII. LOPHOPHORUS, *Temm.*

(Ogilvie Grant, *t. c.* p. 277.)

1. **impeyanus**, *Lath.** [*refulgens*, Temm. (p. 278).]	Himalayas, Afghanistan to Bhutan.

* Mr. Ogilvie Grant's work on the Game-Birds is so thoroughly well done, that it is seldom that I differ from any of his conclusions; but I think that Mr. Oates (Man. Game-Birds of India, pt. i. p. 258) is right as regards the nomenclature of the Moonal Pheasants, and I agree with him that, although Latham does not notice the white back in his description, it is unlikely that he ever saw the Chamba Moonal.

2. **mantoui,** *Oust.* (Ogilvie Grant, Handb. Game-Birds, i. p. 236.)	Patr. ign.
3. **obscurus,** *Oust.* (Ogilvie Grant, Handb. Game-Birds, i. p. 236.)	Patr. ign.
4. **chambanus,** *C. H. T. Marshall.* [*impeyanus*, Grant nec Lath.; Cat. p. 280.]	Chamba, W. Himalayas.
5. **l'huysi,** *Verr. et Geoffr.* (p. 281.)	W. China, Szechuen, Koko-nor, Moupin.

XXXIII. CHALCOPHASIS, *Elliot*, Monogr. Phas. i. pt. 4, 1871.

(*Lophophorus*, pt., Ogilvie Grant, Cat. B. xxii. p. 277.)

1. **sclateri** (*Jerd.*). (p. 282.)	Mishmi Hills.

XXXIV. ACOMUS, *Reichenb.*

(Ogilvie Grant, Cat. B. xxii. p. 283, 1893.)

1. **erythrophthalmus** (*Raffl.*). (p. 283.)	S. Malay Peninsula, Sumatra, ? Java.
2. **pyronotus** (*Gray*). (p. 284.)	N.E. Borneo.
3. **inornatus,** *Salvad.* (p. 285.)	W. Sumatra.

XXXV. LOPHURA, *Fleming* *.

(Ogilvie Grant, *t. c.* p. 286.)

1. **rufa** (*Raffl.*). (p. 286.)	Siam, S. Tenasserim, Malay Peninsula, Sumatra.
2. **sumatrana** (*Dubois*), Büttik. Notes Leyden Mus. xvii. p. 177.	Palembang, S.E. Sumatra.
3. **ignita** (*Shaw & Nodd.*) *.	Patr. ign.
4. **nobilis,** *Scl.* [*ignita*, Ogilvie Grant, Cat. p. 288.]	Borneo, Banka.

* *Cf.* Büttik. Notes Leyden Mus. xvii. p. 169 (1896).

XXXVI. DIARDIGALLUS, *Bp.*

(Bp. C. R. xliii. p. 414, 1856.)
[*Lophura*, pt., Ogilvie Grant, Cat. B. xxii. p. 286, 1893.]

1. **diardi**, *Bp.* (p. 290.)	Siam, Cambodia, Cochin China.

XXXVII. LOBIOPHASIS, *Sharpe.*

(Ogilvie Grant, *t. c.* p. 291.)

1. **bulweri**, *Sharpe.* (p. 292.)	N.W. Borneo, Sarawak.

XXXVIII. CROSSOPTILUM, *Hodgs.*

(Ogilvie Grant, *t. c.* p. 293.)

1. **tibetanum** (*Hodgs.*). (p. 293.)	W. China, E. Tibet.
2. **leucurum**, *Seeb.* (p. 294.)	E. Tibet.
3. **manchuricum**, *Swinh.* (p. 294.)	Manchuria.
4. **auritum** (*Pall.*). (p. 295.)	W. China.
5. **harmani**, *Elwes.* (p. 296.)	Tibet.

XXXIX. GENNÆUS, *Wagler.*

(Ogilvie Grant, *t. c.* p. 296.)

1. **albicristatus** (*Vig.*). (p. 298.)	W. Himalayas, Huzara to Nepal.
2. **leucomelanus** (*Lath.*). (p. 300.)	Nepal.
3. **melanonotus** (*Blyth*). [*muthura*, Ogilvie Grant, Cat. p. 301.]	E. Himalaya, Native Sikhim, W. Bhutan.
4. **edwardsi**, *Oust.*, Bull. Mus. Paris, 1896, p. 316.	Annam.
5. **horsfieldi** (*Gray*). (p. 302.)	E. Bhutan, Assam, Upper Burma.
6. **wickhami**, *Oates*, Man. Game-B. Ind. pt. ii., App. (1898).	Chin Hills, Upper Burma.

7. **andersoni** (*Elliot*) *. [*davisoni*, Ogilvie Grant, Cat. p. 304.]	Kachin Hills.
8. **beli**, *Oust.*, Bull. Mus. Paris, 1898, p. 258.	Tonquin.
9. **williamsi**, *Oates*, Man. Game-Birds of India, pt. i. p. 342 (1898).	Chin Hills, Upper Burma.
10. **cuvieri** (*Temm.*). (p. 303.)	Aracan Hills.
11. **lineatus** (*Vig.*). (p. 304.)	Pegu, N. Tenasserim.
12. **oatesi**, *Ogilvie Grant*. (p. 306.)	Aracan Hills.
13. **sharpei**, *Oates*, Man. Game-Birds of India, pt. i. p. 357.	Tenasserim, Karin Hills.
14. **nycthemerus** (*Linn.*). (p. 307.)	S. China.
15. **rufipes**, *Oates*, Man. Game-Birds of India, pt. i. p. 362.	Burmese Hills, Shan States.
16. **swinhoei**, *Gould*. (p. 309.)	Formosa.

XL. PUCRASIA, *Gray*.

(Ogilvie Grant, Cat. B. xxii. p. 310, 1893.)

1. **macrolopha** (*Less.*). (p. 311.)	W. Himalayas, Kumaon to S. Kashmir.
2. **biddulphi**, *G. E. L. Marshall*. (p. 313.)	W. Kashmir.
3. **nipalensis**, *Gould*. (p. 314.)	W. Nepal.
4. **castanea**, *Gould*. (p. 314.)	N. Afghanistan, Kafiristan.
5. **meyeri**, *Madar*. (p. 315.)	C. Tibet, Upper Mekong.
6. **xanthospila**, *Gray*. (p. 315.)	N.W. China, Manchuria, E. Tibet.
7. **darwini**, *Swinh.* (p. 316.)	E. China.

* *Cf.* Oates, Man. Game-Birds of India, pt. i. p. 337.

XLI. CATREUS, *Cab.*

(Ogilvie Grant, Cat. B. xxii. p. 316, 1893.)

1. **wallichi** (*Hardw.*). (p. 317.)	Himalayas, Nepal to Chamba.

XLII. PHASIANUS, *Linn.*

(Ogilvie Grant, *t. c.* p. 318.)

1. **colchicus**, *Linn.* (p. 320.)	S.E. Europe, Transcaucasia.
2. **septentrionalis**, *Lorenz*, J. f. O. 1888, p. 572.	N. Caucasus.
3. **talischensis**, *Lorenz.* (p. 324.)	S.W. Talisch, Caspian.
4. **persicus**, *Severtz.* (p. 324.)	Persia.
5. **principalis**, *Scl.* (p. 325.)	N.W. Afghanistan, N.E. Persia.
6. **zerafshanicus**, *Tarnovski.* (p. 326.)	Zarafshan.
7. **shawi**, *Elliot.* (p. 326.)	E. Turkestan.
8. **tarimensis**, *Przev.* (p. 327.)	Tarim R.: Lob-nor.
9. **chrysomelas**, *Severtz.* (p. 327.)	Amu-Darya.
10. **mongolicus**, *Brandt.* (p. 328.)	C. Asia, Turkestan.
11. **turcestanicus**, *Lorenz*, Orn. MB. iv. p. 189 (1896).	Turkestan.
12. **semitorquatus**, *Severtz.* (p. 329.)	Dzungaria.
13. **torquatus**, *Gm.* (p. 331.)	E. Siberia, E. Mongolia, Corea, China.
14. **satscheunensis**, *Przev.* (p. 333.)	Sa-tscheuen, N. of Nan-Shan Mts.
15. **formosanus**, *Elliot.* (p. 333.)	Formosa.
16. **elegans**, *Elliot.* (p. 329.)	W. China, Shan States.

17. **vlangali,** *Przev.* (p. 330.)	Tsaidam.
18. **strauchi,** *Przev.* (p. 330.)	N.W. Kansu.
19. **decollatus,** *Swinh.* (p. 331.)	W. & C. China.
20. **versicolor,** *V.* (p. 334.)	Japan.
21. **scemmerringii,** *Temm.* (p. 336.)	Japan.
22. **scintillans,** *Gould.* (p. 337.)	Japan.
23. **sp.,** *Lydekker*, Cat. Foss. B. p. 140.	Germany (Pleistocene).
24. **archiaci,** *Gaudry*, C. R. liv. p. 502.	Greece (Lower Pliocene).
25. **altus,** *Milne-Edw.*, Ois. Foss. France, ii. p. 239.	France, Switzerland (Upper and Middle Miocene).
26. **medius,** *Milne-Edw. t. c.* p. 242.	France (Middle Miocene).
27. **desnoyersi,** *Milne-Edw. t. c.* p. 243.	France (Miocene).

XLIII. SYRMATICUS, *Wagler.*

(*Phasianus*, pt., Ogilvie Grant, Cat. B. xxii. p. 318, 1893.)

1. **reevesi,** *J. E. Gray.* (p. 337.)	China.

XLIV. CALOPHASIS, *Elliot.*

(*Phasianus*, pt., Ogilvie Grant, *t. c.* p. 318.)

1. **ellioti** (*Swinh.*). (p. 335.)	S.E. China.
2. **humiæ,** *Hume.* (p. 335.)	Manipur.
3. **burmanicus,** *Oates*, Ibis, 1898, p. 124.	S. Shan States.

XLV. CHRYSOLOPHUS, *J. E. Gray.*

(Ogilvie Grant, *t. c.* p. 339.)

1. **pictus** (*Linn.*). (p. 339.)	S. & W. China.
2. **obscurus** (*Schl.*). (p. 341.)	Patr. ign.
3. **amherstiæ,** *Leadb.* (p. 342.)	W. China, E. Tibet.

XLVI. GALLUS, *Briss.**

(Ogilvie Grant, Cat. B. xxii. p. 343, 1893.)

1. **gallus** (*Linn.*). (p. 344.)	Indian Peninsula, Indo-Chinese countries, Malay Peninsula, Indo-Malayan Islands.
2. **lafayettei**, *Less.* (p. 348.)	Ceylon.
3. **sonnerati**, *Temm.* (p. 350.)	S. & C. Indian Peninsula.
4. **varius** (*Shaw & Nodd.*). (p. 352.)	Greater & Lesser Sunda Is.
5. **brabardi**, *Gervais*, Mém. Acad. Montp. i. p. 220 (1850).	France (Upper Pliocene).
6. **aesculapii**, *Gaudry*, C. R. liv. p. 504 (1861).	Greece (Lower Pliocene).
7. **sp.**, *Lydekker*, Cat. Foss. B. p. 142 (1891).	New Zealand (Pleistocene).
8. **sp.**, *Lydekker*, *t. c.* p. 142.	Central Germany (Pleistocene).

XLVII. POLYPLECTRUM, *Temm.*

(Ogilvie Grant, *t. c.* p. 353.)

1. **chinquis** (*P. L. S. Müll.*). (p. 354.)	E. Himalayas, Indo-Burmese countries.
2. **germaini**, *Elliot.* (p. 357.)	Cochin China.
3. **intermedium**, *Hume.* (*Cf.* Oates, Man. Game-Birds of India, pt. i. p. 234.)	Lushai & Chin Hills.
4. **bicalcaratum** (*Linn.*). (p. 357.)	S. Tenasserim, Malay Peninsula, Sumatra.
5. **schleiermacheri**, *Brüggem.* (p. 359.)	N. & C. Borneo.
6. **napoleonis**, *Less.* (p. 361.) [*nehrkornæ*, Ogilvie Grant, Cat. p. 360.]	Philippines (Palawan).

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* *Gallus stramineicollis*, Sharpe, and *G. violaceus*, Kelsall (J. A. S. Straits Br. xxiv. p. 167, 1891), are considered by Mr. Grant to be only domestic varieties.

XLVIII. CHALCURUS, *Bp.*

(Ogilvie Grant, Cat. B. xxii. p. 361, 1893.)

— 1. **chalcurus** (*Less.*). (p. 361.) — Sumatra.

XLIX. ARGUSIANUS, *Rafin.*

(Ogilvie Grant, *t. c.* p. 362.)

— 1. **argus** (*Linn.*). (p. 363.) — Siam, S. Tenasserim, Malay Peninsula, Sumatra.

— 2. **grayi** (*Elliot*). (p. 365.) — Borneo.

3. **bipunctatus** (*Wood*). (p. 366.) — Patr. ign.

L. RHEINARDIUS, *Oust.*

(Ogilvie Grant, *t. c.* p. 366.)

— 1. **ocellatus** (*Verr.*). (p. 367.) — Annam.

LI. PAVO, *Linn.*

(Ogilvie Grant, *t. c.* p. 368.)

— 1. **cristatus**. *Linn.* (p. 368.) — Indian Peninsula, Ceylon, Assam.

2. **nigripennis**, *Sclater*, P. Z. S. 1860, p. 221. — Patr. ign. [? domestic variety.]

— 3. **muticus**, *Linn.* (p. 371.) — Burma, Cochin China, Malay Peninsula, Java.

INCERTÆ SEDIS.

Anissolornis, *Amegh.* (Rev. Argent. i. p. 449, 1891.)

1. **excavatus**. *Amegh. t. c.* — Patagonia (Miocene).

Family III. NUMIDIDÆ.

I. PHASIDUS, *Cass.*

(Ogilvie Grant, Cat. B. xxii. p. 373, 1893.)

1. **niger**, *Cass.* (p. 373.)	Gaboon to Lower Congo.

II. AGELASTES, *Bp.*

(Ogilvie Grant, *t. c.* p. 374.)

1. **meleagrides**, *Bp.* (p. 374.)	Liberia to Gaboon.

III. NUMIDA, *Linn.**

(Ogilvie Grant, Cat. B. xxii. p. 374, 1893;
Oscar Neumann, Orn. MB. vi. pp. 17–22.)

1. **meleagris**, *Linn.* (p. 375.)	West Africa, Senegambia to the Niger, Cape Verde Isl.
2. **marchei**, *Oust.* (*Cf.* Neumann, *l. c.*) [*meleagris*, pt., Ogilvie Grant, *l. c.*]	Gaboon, Lower Congo.
3. **coronata**, *Gray.* (p. 376.) [*cornuta*, F. & H., teste Neum. *l. c.*]	? East Cape Colony, Natal.
4. **transvaalensis**, *Neum.*, Orn. MB. vii. p. 26 (1899).	Transvaal.
5. **papillosa**, *Reichen.*, Orn. MB. ii. p. 145 (1894). [*cornuta*, Ogilvie Grant, *nec* F. & H.]	Kalahari Desert, Benguela, south to Namaqua-land.
6. **reichenowi**, *Ogilvie Grant*, Ibis, 1894, p. 535, fig. 1.	Inner E. Africa, Kilimanjaro to Masai-land & Kikuyu.
7. **ansorgii**, *Hartert*, in Ansorge, 'Under the African Sun,' App. p. 331 (1899).	Equat. Africa.
8. **uhehensis**, *Reichen.*, Orn. MB. vi. p. 881 (1898).	Uhehe, German E. Africa.
9. **marungensis**, *Schalow.* (Neumann, *t. c.* p. 20.)	West side of Lake Tanganyika (Marungu).

* *N. zechi*, Reichen. Orn. MB. iv. p. 76 (1896), is a domestic variety, *teste* Reichenow, *in litt.*

10. **maxima**, *Neum. t. c.* p. 21. [*marungensis*, Ogilvie Grant, Cat. p. 377.]	Benguela.
11. **intermedia**, *Neum. t. c.* p. 21.	West side of Victoria Nyanza, S. to Kagera.
12. **mitrata**, *Pall.* (p. 378.)	Lemuria. Zambesi to Mombasa, Ugogo, Masai-land, East side of Lake Tanganyika.
13. **ptilorhyncha**, *Licht.* (p. 379.)	N.E. Africa, Suakin to Abyssinia. Uganda.
14. **somaliensis**, *Neumann*, Orn. MB. vii. p. 25 (1899).	Somali-land.

IV. GUTTERA, *Wagler*.

(Ogilvie Grant, Cat. B. xxii. p. 380, 1893; Reichen. Orn. MB. vi. pp. 1–3, 1898.)

1. **cristata**, *Wagler.* (p. 381.)	W. Africa, Sierra Leone to Gold Coast, Togo-land.
2. **granti**, *Elliot.* (Reichen. *t. c.* p. 3.) [*pucherani*, pt., Ogilvie Grant, Cat. p. 383.]	German E. Africa.
3. **edouardi**, *Elliot.* (p. 382.)	Natal, Zulu-land, Mozambique, Zambesi.
4. **pucherani** (*Hartl.*). (p. 383.)	E. Africa.
5. **sclateri**, *Reichen.*, Orn. MB. vi. p. 115.	Cameroons, ? Ubangi R.
6. **plumifera** (*Cass.*). (p. 384.)	Cameroons to Loango.

V. ACRYLLIUM, *Gray*.

(Ogilvie Grant, Cat. B. xxii. p. 385, 1893.)

1. **vulturinum** (*Hardw.*). (p. 385.)	Somali-land to Kilimanjaro.

Family IV. MELEAGRIDÆ.

I. MELEAGRIS, *Linn.*

(Ogilvie Grant, Cat. B. xxii. p. 386, 1893; *cf.* Coues, Auk, xiv. p. 272.)

1. **gallopavo**, *Linn.* (p. 387.)	S.W. U. States, from W. Texas to Arizona, and S. to Table-land of Mexico.
2. **intermedia**, *Sennett*, Bull. U.S. Geol. Surv. v. p. 428 (1879). [*ellioti*, Sennett. (p. 388.)]	S.E. Texas to E. Mexico.
3. **fera**, *Vieill.* [*americana*, Bartr. (p. 389.)]	Eastern U. States W. to South Dakota.
4. **osceola**, *Scott.* (p. 390.)	Florida.
5. **superba**, *Cope*, Tr. Amer. Phil. Soc. xiv. p. 239 (1872).	New Jersey (Post-Pliocene).
6. **alta**, *Marsh*, Proc. Acad. Nat. Sci. Philad. 1870, p. 11.	New Jersey (Post-Pliocene).
7. **celer**, *Marsh*, *t. c.* p. 11.	New Jersey (Post-Pliocene).
8. **antiqua**, *Marsh*, *t. c.* p. 126.	Colorado (Miocene).

II. AGRIOCHARIS, *Chapman*, Bull. Amer. Mus. viii. p. 298 (1896).

1. **ocellata** (*Cuv.*). (p. 391.)	Guatemala, Brit. Honduras, Yucatan.

Family V. ODONTOPHORIDÆ.

I. DENDRORTYX, *Gould.*

(Ogilvie Grant, Cat. B. xxii. p. 392, 1893.)

1. **macrurus** (*J. & S.*). (p. 392.)	S. Mexico, Colima, Guerrero.
2. **oaxacæ**, *Nelson*, Auk, xiv. p. 43 (1897).	Oaxaca.
3. **griseipectus**, *Nelson*, *t. c.* p. 44 (1897).	Morelos, Mexico.
4. **striatus**, *Nelson*, *t. c.* p. 44 (1897).	Guerrero.

5. **barbatus,** *Licht.* (p. 393.)	S.E. Mexico, Vera Cruz.
6. **leucophrys** (*Gould*). (p. 394.)	Guatemala, Costa Rica.
7. **hypospodius,** *Salvin,* Bull. B. O. Club, vi. p. v.	Costa Rica.

II. CALLIPEPLA, *Wagler.*

(Ogilvie Grant, Cat. B. xxii. p. 394, 1893.)

1. **squamata** (*Vig.*). (p. 395.)	New Mexico, Arizona, S.W. Texas, N. & C. Mexico.
2. **castanogaster,** *Brewst.* (p. 396.)	N.E. Mexico, Rio Grande, Texas.

III. OREORTYX, *Baird.*

(Ogilvie Grant, *t. c.* p. 397.)

1. **pictus** (*Dougl.*). (p. 397.)	Pacific coast, U.S.
2. **plumiferus** (*Gould*). (p. 397, pt.*).	Sierra Nevada, etc.
3. **confinis,** *Anthony,* Proc. Calif. Acad. Sci. (2) ii. p. 74 (1889).	Lower California.

IV. LOPHORTYX, *Bp.*

(Ogilvie Grant, *t. c.* p. 399.)

1. **californicus** (*Shaw & Nodd.*). (p. 400.)	Pacific coast-region of United States from Washington State to Cape S. Lucas.
2. **vallicola,** *Ridgw.,* Proc. U.S. Nat. Mus. viii. p. 355 (1885).	Interior of California to Cape S. Lucas.
3. **gambeli,** *Nutt.* (p. 403.) [*deserticola,* Stephens, Auk, xii. p. 371, 1895.]	W. Texas to Arizona, Utah to Sonora, and S. California.
4. **fulvipectus,** *Nelson,* Auk, xvi. p. 26 (1899).	N.W. Mexico (Sonora).
5. **douglasi** (*Vig.*). (p. 404.)	W. Mexico.
6. **bensoni,** *Ridgw.*†.	Sonora.
7. **leucoprosopon,** *Reichen.,* Orn. MB. iii. p. 10 (1895).	Patr. ign.

* Not considered different from *O. pictus* by Mr. Ogilvie Grant (*l. c.*).
† *In litt.*

V. PHILORTYX, *Gould.*

(Ogilvie Grant, Cat. B. xxii. p. 405, 1893.)

1. **fasciatus**, *Gould.* (p. 406.)	S. Mexico.

VI. EUPSYCHORTYX, *Gould.*

(Ogilvie Grant, *t. c.* p. 407.)

1. **cristatus** (*Linn.*). (p. 407.)	Curaçao Isl., Aruba Isl.
2. **pallidus**, *Richm.*, Proc. U.S. Nat. Mus. xviii. p. 657 (1896).	Margarita Isl.
3. **leucopogon** (*Less.*). (p. 409.)	Panama, Colombia.
4. **sonnini** (*Temm.*). (p. 409.)	Brit. Guiana, Venezuela, Rio Negro.
5. **mocquerysi**, *Hartert.* (Grant, Handb. Game-Birds, ii. p. 131.)	Cumaná, N. Venezuela.
6. **parvicristatus** (*Gould*). (p. 410.)	Colombia.
7. **leylandi** (*Moore*). (p. 411.)	Honduras, Nicaragua, Costa Rica.
8. **nigrigularis** (*Gould*). (p. 412.)	Yucatan, Brit. Honduras, Honduras.
9. **hypoleucus**, *Gould.* (p. 413.)	Guatemala.

VII. COLINUS, *Less.*

(*Ortyx*, Ogilvie Grant, Cat. B. xxii. p. 414, 1893.)
[*Ortyx*, Steph. 1819, nec Oken, Zool. ii. p. 611 (1816).]

1. **virginianus** (*Linn.*). (p. 415.)	E. U. States, W. to Dakota, S. to Gulf States.
2. **floridanus**, *Coues.* (p. 418.)	Florida. Cuba (? intr.).
3. **texanus**, *Lawr.* (p. 419.)	S. & W. Texas, N.E. & W. Mexico.
4. **maculatus**, *Nelson*, Auk, xvi. p. 26 (1899).	Tamaulipas & San Luis Potosi, Mexico.
5. **cubanensis**, *Gould.* (p. 421.)	Cuba. ? Porto Rico.
6. **pectoralis**, *Gould.* (p. 421.)	E. Mexico (Vera Cruz).

7. **graysoni,** *Lawr.* (p. 422.)	W. Mexico (Jalisco).
8. **ridgwayi** (*Brewst.*). (p. 422.)	Arizona and Sonora.
9. **nigripectus,** *Nelson,* Auk, xiv. p. 47 (1897).	Mexico (Plains of Southern Puebla).
10. **godmani,** *Nelson,* Auk, xiv. p. 45 (1897).	Mexico (Vera Cruz).
11. **salvini,** *Nelson,* Auk, xiv. p. 45 (1897).	Mexico (Plains of Chiapas).
12. **coyolcos** (*P. L. S. Müll.*). (p. 423.)	S. Mexico (Oaxaca).
13. **atriceps** (*Ogilvie Grant,* Cat. B. xxii. p. 424; id. Handb. Game-Birds, ii. p. 144, pl. xxxiii.).	W. Mexico (Putla).
14. **insignis,** *Nelson,* Auk, xiv. p. 46 (1897).	N. Guatemala (Nenton).
15. **castaneus** (*Gould*). (p. 424.)	Patr. ign.

VIII. CYRTONYX, *Gould.*

(Ogilvie Grant, Cat. B. xxii. p. 425, 1893.)

1. **montezumæ** (*Vig.*). (p. 425.)	Arizona, S.W. Texas, Valley of Mexico.
2. **meleagris,** *Wagler.* (*Cf.* Nelson, Auk, xix. p. 48, 1897.)	Mexico.
3. **merriami,** *Nelson,* Auk, xiv. p. 48 (1897).	Vera Cruz (Mt. Orizaba).
4. **sallæi,** *Verr.* (p. 427.)	Mexico (Guerrero).
5. **ocellatus** (*Gould*). (p. 428.)	Mexico (Tehuantepec) to Guatemala.

IX. DACTYLORTYX, *Ogilvie Grant.*

(Ogilvie Grant, *t. c.* p. 429.)

1. **thoracicus** (*Gambel*). (p. 429.)	S. Mexico, Yucatan, Guatemala, San Salvador.
2. **lineolatus,** *Gould.* (Nelson, Proc. Biol. Soc. Washingt. xii. p. 66, 1898.)	S.W. Oaxaca, Chiapas.
3. **chiapensis,** *Nelson, t. c.* p. 66.	Chiapas, S. Mexico.
4. **devius,** *Nelson, t. c.* p. 68.	Jalisco, W. Mexico.

X. ODONTOPHORUS, *V.*

(Ogilvie Grant, Cat. B. xxii. p. 430, 1893.)

1. **guianensis** (*Gm.*). (p. 432.)	British Guiana, Lower Amazonia.
2. **marmoratus** (*Gould*). (p. 433.)	Bolivia & Peru to Colombia & Panama.
3. **capueira** (*Spix*). (p. 434.)	E. Brazil (Bahia) to Rio Grande do Sul.
4. **melanotis**, *Salvin.* (p. 435.)	Nicaragua, Costa Rica, Panama.
5. **erythrops**, *Gould.* (p. 435.)	Ecuador.
6. **hyperythrus**, *Gould.* (p. 436.)	Colombia.
7. **speciosus**, *Tschudi.* (p. 437.)	Peru, Ecuador.
8. **melanonotus**, *Gould.* (p. 438.)	Ecuador.
9. **leucolæmus**, *Salvin.* (p. 438.)	Costa Rica, Panama.
10. **parambæ**, *Rothschild*, Bull. Brit. Orn. Club, vii. p. vi (1897).	Ecuador, Colombia.
11. **stellatus** (*Gould*). (p. 439.)	Upper Amazonia, E. Ecuador.
12. **guttatus** (*Gould*). (p. 439.)	S. Mexico to Panama.
13. **consobrinus**, *Ridgw.*, Proc. U. S. Nat. Mus. xvi. p. 469 (1893).	S. Mexico (Mirador).
14. **veraguensis**, *Gould.* (p. 441.)	Costa Rica to Panama.
15. **balliviani**, *Gould.* (p. 441.)	Peru, Bolivia.
16. **strophium** (*Gould*). (p. 442.)	Colombia.
17. **colombianus**, *Gould.* (p. 442.)	Venezuela.

XI. RHYNCHORTYX, *Ogilvie Grant.*

(Ogilvie Grant, *t. c.* p. 443.)

1. **spodiostethus** (*Salvin*). (p. 443.)	Panama to Nicaragua.
2. **cinctus** (*Salvin*). (p. 444.)	Panama.

Order III. HEMIPODII.

(Sharpe, Classif. B. p. 69, 1891.)

Family I. TURNICIDÆ.

(Ogilvie Grant, Cat. B. xxii. p. 526, 1893.)

I. TURNIX, *Bonn.*

(Ogilvie Grant, *t. c.* p. 526.)

1. **pugnax** (*Temm.*). (p. 534.)	Indian Peninsula, Himalayas to 7000 feet, S.W. Ceylon, Indo-Chinese countries, Malay Peninsula, Sumatra, Java, Billiton, China, Formosa, Liu-Kiu Isl.
2. **fasciata** (*Temm.*). (p. 535.)	Philippines.
3. **rufilatus**, *Wall.* (p. 536.)	Celebes.
4. **powelli**, *Guillem.* (p. 537.)	Lesser Sunda Is.
5. **sylvatica** (*Desf.*). (p. 537.)	S.E. Europe, N.W. Africa.
6. **lepurana** (*Smith*). (p. 539.)	Africa.
7. **dussumieri** (*Temm.*). (p. 540.)	Indian Peninsula, Himalayas to 6000 feet Burma, ? S. China, Hainan, Formosa.
8. **nana** (*Sundev.*). (p. 541.)	S. Africa.
9. **hottentotta** (*Temm.*). (p. 542.)	Cape Colony.
10. **whiteheadi**, *Ogilvie Grant*, Handb. Game-Birds, ii. p. 276 (1896).	Philippines (Luzon).
11. **blanfordi**, *Blyth.* (p. 542.)	E. Bengal to S. Tenasserim, Siam, China, Manchuria.

12. **tanki**, *Blyth.* (p. 544.)	Indian Peninsula, Himalayas to 4000 feet.
13. **albiventer**, *Hume.* (p. 545.)	Nicobars, Andamans.
14. **maculosa**, *Temm.* (p. 546.)	N. & E. Australia, S. New Guinea, S.E. Celebes.
15. **saturata**, *Forbes.* (p. 547.)	Bismarck Archipelago.
16. **rufescens**, *Wall.* (p. 547.)	Lesser Sunda Is. (Timor).
17. **ocellata** (*Scop.*). (p. 548.)	Philippines (Luzon).
18. **nigricollis** (*Gm.*). (p. 549.)	Madagascar.
19. **melanogaster** (*Gould*). (p. 550.)	E. Australia.
20. **varia** (*Lath.*). (p. 551.)	Australia.
21. **novæ caledoniæ**, *Ogilvie Grant*, Cat. p. 552, note.	New Caledonia.
22. **castanonota** (*Gould*). (p. 552.)	N. Australia.
23. **pyrrhothorax** (*Gould*). (p. 553.)	N.E. Australia, E. & S. Australia.
24. **everetti**, *Hartert*, Nov. Zool. v. p. 476 (1898).	Sumba Isl.
25. **leucogaster**, *North*, Ibis, 1895, p. 342.	C. Australia.
26. **velox** (*Gould*). (p. 553.)	Australia.

II. PEDIONOMUS, *Gould.*

(Ogilvie Grant, Cat. B. xxii. p. 554.)

1. **torquatus**, *Gould.* (p. 554.)	Australia.

Order IV. PTEROCLIDIFORMES.

(*Cf.* Ogilvie Grant, Cat. B. xxii. p. 1, 1893.)

Family I. PTEROCLIDIDÆ.

(*Cf.* Ogilvie Grant, *t. c.* p. 2.)

I. SYRRHAPTES, *Illiger.*
(Ogilvie Grant, *t. c.* p. 2.)

1. **paradoxus** (*Pall.*). (p. 2.)	Kirghis Steppes to Central Asia, Mongolia & N. China. W. Europe (sporadic).
2. **tibetanus,** *Gould.* (p. 5.)	High Tibet (12,000–18,000 feet).

II. PTEROCLIDURUS, *Bp.*
(*Cf.* Ogilvie Grant, *t. c.* p. 6.)

1. **alchatus** (*Linn.*). (p. 7.)	Palestine to Central Asia & N.W. India.
2. **pyrenaicus** (*Sæbohm*). (p. 9.)	Mediterranean countries.
3. **namaquus** (*Gm.*). (p. 10.)	Central S. Africa, Transvaal to Benguela & Namaqua-land.
4. **exustus** (*Temm.*). (p. 12.)	Senegambia to N. & E. Africa. Palestine to Central Asia.
5. **senegallus** (*Linn.*). (p. 14.)	S. Sahara to N.W. India.

III. PTEROCLIS, *Temm.*
(*Cf.* Ogilvie Grant, *t. c.* p. 16.)

1. **arenarius** (*Pall.*). (p. 18.)	Mediterranean countries to Central Asia.
2. **decoratus,** *Cab.* (p. 21.)	E. Africa.

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3. **variegatus**, *Smith*. (p. 22.)	S. Africa, Transvaal, Damara-land.
4. **coronatus**, *Licht*. (p. 23.)	S. Sahara to N.W. India.
5. **gutturalis**, *Smith*. (p. 25.)	E. Africa, N. to Abyssinia & S. to Transvaal.
6. **personatus**, *Gould*. (p. 26.)	Madagascar.
7. **lichtensteini**, *Temm*. (p. 29.)	N.E. & Equatorial Africa to N.W. India.
8. **bicinctus**, *Temm*. (p. 30.)	Central S. Africa to Mossamedes.
9. **fasciatus** (*Scop.*). (p. 27.)	Indian Peninsula.
10. **quadricinctus**, *Temm*. (p. 32.)	Senegambia to Abyssinia.
11. **sepultus**, *Milne-Edw.*, Ois. Foss. France, ii. p. 294, pl. cxli. figs. 1–9 (1869).	France (Lower Miocene).
12. **barius**, *Milne-Edw.*, C. R. II. Congr. Orn. Intern. ii. p. 70 (1892).	France (Eocene).
13. **larbatus**, *Milne-Edw. t. c.* p. 71.	France (Eocene).
14. **balidus**, *Milne-Edw. t. c.* p. 60.	France (Eocene),

Order V. COLUMBIFORMES.

Sub-Order I. *COLUMBÆ*.

(Salvad. Cat. B. xxi. p. 2, 1893.)

Family I. TRERONIDÆ.

(Salvad. *t. c.* p. 3.)

Sub-Family I. *TRERONINÆ*.

I. SPHENOCERCUS, *Gray*.

(Salvad. *t. c.* p. 4.)

1. **apicicauda**, *Blyth*. (p. 4.)	Himalayas, Kumaon to Assam, Burma, Tenasserim.

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2. **oxyurus** (*Temm.*). (p. 7.)	Java, Sumatra, Borneo.
3. **sphenurus** (*Vig.*). (p. 8.)	Himalayas, Kashmir to Assam, Burma, Tenasserim.
4. **korthalsi**, *Bp.* (p. 11.)	Java, Sumatra.
5. **sieboldi** (*Temm.*). (p. 12.)	Japan.
6. **sororius**, *Swinh.* (p. 13.)	Formosa.
7. **formosæ** (*Swinh.*). (p. 13.)	Mountains of Formosa.
8. **permagnus**, *Stejn.* (p. 14.)	Liu-Kiu Is.

II. VINAGO, *Cuv.*

(Salvad. Cat. B. xxi. p. 15, 1893.)

1. **waalia** (*Gm.*). (p. 15.)	Abyssinia, Somali-land, Socotra, Equatorial Africa.
2. **crassirostris** (*Fraser*). (p. 17.)	W. Africa, Isl. of S. Thomas.
3. **australis** (*Linn.*). (p. 18.)	Madagascar.
4. **calva** (*Temm. & Knip*). (p. 20.) [*salvadorii*, Dubois, P. Z. S. 1897, p. 784.]	W. Africa. Sierra Leone to Benguela, E. to Victoria Nyanza.
5. **nudirostris**, *Swains.* [*calva*, pt., Salvad. Cat. B. xxi. p. 20. *Cf.* Reichen. Orn. MB. vi. p. 12.]	Senegambia, N.E. & E. Africa.
6. **wakefieldi** (*Sharpe*). (p. 23.)	E. Africa.
7. **schalowi** (*Reichen.*). (p. 24.)	Matabele-land to Ovampo-land.
8. **delalandei** (*Bp.*). (p. 24.)	E. Cape Colony to the Zambesi, Nyasa-land, N. to Mombasa.

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III. CROCOPUS, *Bp.*

(Salvad. Cat. B. xxi. p. 26, 1893.)

1. **phœnicopterus** (*Lath.*). (p. 26.)	N. & C. Indian Peninsula.
2. **viridifrons** (*Blyth*). (p. 28.)	Cachar, Burma, Tenasserim, Cochin China.
3. **chlorogaster** (*Strickl.*). (p. 30.)	Indian Peninsula, Ceylon.

IV. BUTRERON, *Bp.*

(Salvad. *t. c.* p. 32.)

1. **capelli** (*Temm.*). (p. 32.)	Mergui Archipelago, Malay Peninsula, Sumatra, Java, Borneo.

V. TRERON, *V.*

(Salvad. *t. c.* p. 33.)

1. **nipalensis** (*Hodgs.*). (p. 34.)	E. Bengal, Nepal to Burma, Tenasserim, Siam, Cochin China, Malay Peninsula, Sumatra, Borneo, Palawan.
2. **nasica**, *Schl.* (p. 37.)	Sumatra, Engaño, Banka. ? S. Borneo.

VI. OSMOTRERON, *Bp.*

(Salvad. *t. c.* p. 38.)

1. **griseicauda** (*Gray*). (p. 41.)	Java.
2. **wallacei**, *Salvad.* (p. 42.)	Celebes, Sula Is.
3. **pallidior**, *Hartert*, Nov. Zool. iii. p. 178 (1896).	Djampea Isl., Kalao I., south of Celebes.
4. **sangirensis** (*Brügg.*). (p. 43.)	Sangi Is.

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5. **phayrei,** *Blyth.* (p. 43.)	Hills of E. Bengal, Assam, Tenasserim, Cochin China.
6. **malabarica** (*Jerd.*). (p. 45.)	Indian Peninsula.
7. **aromatica** (*Gm.*). (p. 47.)	Buru Isl.
8. **axillaris** (*Bp.*). (p. 48.)	Philippine Is.
9. **everetti,** *Rothschild*, Nov. Zool. i. p. 41 (1897).	Sulu Archipelago.
10. **chloroptera** (*Blyth*). (p. 49.)	Nicobar Is., Andaman Is.
11. **pompadora** (*Gm.*). (p. 51.)	Ceylon.
12. **fulvicollis** (*Wagl.*). (p. 52.)	S. Tenasserim, Cochin China, Malay Peninsula, Sumatra, Nias, Banka, Billiton, Borneo.
13. **baramensis** (*A. B. Meyer*). (p. 54.)	N. Borneo.
14. **teysmanni** (*Schl.*). (p. 55.)	Sumba Isl.
15. **psittacea** (*Temm. & Knip*). (p. 55.)	Timor Isl.
16. **floris** (*Wall.*). (p. 56.)	Flores, Solor, Sumbawa.
17. **bicincta** (*Blyth*). (p. 57.)	E. Indian Peninsula to Nepal, Ceylon, Indo-Chinese Provinces to Hainan, Malay Peninsula.
18. **vernans** (*Linn.*). (p. 60.)	Indo-Chinese Provinces, Malay Peninsula, Indo-Malayan Is., Celebes.
19. **olax** (*Temm.*). (p. 64.)	Malay Peninsula, Sumatra, Borneo.

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VII. PHABOTRERON, *Bp.*

(Salvad. Cat. B. xxi. p. 66, 1893.)

1. **amethystina**, *Bp.* (p. 66.)	Luzon, Samar, Leyte, Mindanao.
2. **cinereiceps**, *Bourns & Worcester*, Occ. Papers Minnesota Acad. i. p. 8 (1894).	Tawi Tawi Isl., Sulu Archipelago.
3. **brunneiceps**, *Bourns & Worcester*, *t. c.* p. 9.	Basilan.
4. **frontalis**, *Bourns & Worcester*, *t. c.* p. 10.	Cebu.
5. **leucotis** (*Temm.*). (p. 67.)	Luzon, Mindoro.
6. **occipitalis**, *Salvad.* (p. 68.)	Basilan.
7. **nigrorum**, *Sharpe.* (p. 68.)	Negros, Cebu, Guimaras, Panay.
8. **brevirostris**, *Tweedd.* (p. 69.)	Mindanao, Leyte, Samar, Sulu Archipelago.
9. **maculipectus**, *Bourns & Worcester*, Occ. Papers Minnesota Acad. i. p. 10 (1894).	Mts. of Negros.

Sub-Family II. *PTILOPODINÆ.*

VIII. LEUCOTRERON, *Bp.*

(Salvad. *t. c.* p. 71, 1893.)

1. **occipitalis**, *Bp. ex Gray.* (p. 72.)	Luzon, Cebu, Leyte, Mindanao, Basilan.
2. **fischeri**, *Brügg.* (p. 74.)	N. Celebes.
3. **meridionalis**, *A. B. Meyer & Wiglesw.* (p. 74.)	S. Celebes.
4. **marchii** (*Oust.*). (p. 75.)	Luzon.
5. **roseicollis** (*Wagl.*). (p. 75.)	Java, Sumatra.

6. **albicincta** (*Wall.*). (p. 77.)	Flores.
7. **baliensis**, *Hartert*, Nov. Zool. iii. p. 553 (1893).	Bali.
— 8. **cincta** (*Temm. & Knip*). (p. 77.)	Timor, Wetter.
9. **alligator**, *Collett*, P. Z. S. 1898, p. 354, pl. xxix.	Arnhem Land, N. Australia.
10. **everetti**, *Rothsch.*, Bull. Brit. Orn. Club, vii. p. xxxiv (1898).	Is. of Alor, Pantar.
— 11. **lettiensis** (*Schl.*). (p. 78.)	Lesser Sunda Is., Tenimber Is.
12. **gularis** (*Q. & G.*). (p. 78.)	N. Celebes.
13. **subgularis** (*A. B. Meyer & Wiglesw.*, Abhandl. k. zool. Mus. Dresden, 1896–97, no. 2, p. 4 [1896]).	Peling & Banggai Is.
14. **mangoliensis**, *Rothsch.*, Bull. Brit. Orn. Club, vii. p. xxxiv (1898).	Sula Mangoli.
— 15. **leclancheri** (*Bp.*). (p. 79.)	Luzon, Guimaras, Negros, Cebu, Palawan.
— 16. **jambu** (*Gm.*). (p. 80.)	Malay Peninsula.

IX. MEZOTRERON, n. gen.

(*Cf.* Hartert, Nov. Zool. iii. p. 589, 1896.)

1. **dohertyi**, *Rothsch.*, Bull. Brit. Orn. Club, v. p. xlvi (1896).	Sumba Isl.

X. PTILOPUS, *Swains.*

(Salvad. Cat. B. xxi. p. 83, 1893.)

— 1. **greyi**, *Bp.* (p. 85.)	New Caledonia, Loyalty Is., New Hebrides.
2. **pelewensis**, *Hartl. & Finsch.* (p. 85.)	Pelew Is.
— 3. **perousei** (*Peale*). (p. 87.)	Samoa Is., Tonga Is., Fiji Is.
— 4. **dupetit-thouarsi** (*Néboux*). (p. 89.)	Marquesas Is.

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5. **xanthogaster** (*Wagl.*). (p. 91.)	Banda, Khoor, Kei Is., Lesser Sunda, and Tenimber Is.
6. **richardsi**, *Ramsay.* (p. 92.)	Ugi, Solomon Is.
7. **ponapensis**, *Finsch.* (p. 93.)	Ruk Isl., Carolines, Ponapé Isl.
8. **hernsheimi**, *Finsch.* (p. 94.)	Kushai Isl., Carolines.
9. **swainsoni**, *Gould.* (p. 95.)	N.E. Australia to N. S. Wales, Torres Straits Is., S.E. New Guinea.
10. **ewingi**, *Gould.* (p. 96.)	Cape York to N.W. Australia.
11. **flavicollis**, *Bp.* (p. 97.)	Timor, Flores.
12. **fasciatus**, *Peale.* (p. 98.)	Samoa Is.
13. **porphyraceus** (*Temm.*). (p. 100.)	Tonga Is., Fortuna Isl., Savage Isl., Fiji Is.
14. **rarotongensis**, *Hartl. & Finsch.* (p. 103.)	Rarotonga Isl.
15. **coralensis**, *Peale.* (p. 104.)	Hervey Isl.
16. **smithsonianus**, *Salvad.* (p. 105.)	Paumotu Is.
17. **purpuratus** (*Gm.*). (p. 105.)	Society Is. (Tahiti).
18. **chrysogaster**, *Gray.* (p. 107.)	Society Is. (Huaheine, Raiatea).
19. **sp.** (p. 108.)	? Raiatea.
20. **sp.** (p. 108.)	Ins. ign.
21. **roseicapillus** (*Less.*). (p. 108.)	Marianne Is.
22. **mercieri** (*Des Murs & Prév.*). (p. 110.)	Marquesas Is. (Nukahiwa).

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23. **tristrami**, *Salvad.* (p. 111.)	Marquesas Is. (Hivaoa).
24. **huttoni**, *Finsch.* (p. 111.)	Rapa Isl., Austral Is.

XI. LAMPROTRERON, *Bp.*

(Salvad. Cat. B. xxi. p. 112, 1893.)

1. **superba** (*Temm. & Knip*). (p. 112.)	Batchian, Halmahéra, New Guinea, Ceram, Amboina, Bismarck Archipelago, N. Australia.
2. **temmincki** (*Des Murs & Prév.*). (p. 115.)	Celebes, ? Sulu Is.

XII. EUTRERON, *Salvad.*

(Salvad. *t. c.* p. 116.)

1. **pulchella** (*Temm.*). (p. 117.)	New Guinea, Salawati, Mysol, Batanta.

XIII. PTILOPODISCUS, *Salvad.*

(Salvad. *t. c.* p. 118.)

1. **coronulatus** (*Gray*). (p. 118.)	Aru Is., S.E. New Guinea.
2. **huonensis** (*Meyer*). (p. 120.)	Huon Gulf, E. New Guinea.
3. **trigeminus** (*Salvad.*). (p. 120.)	N.W. New Guinea, Salawati.
4. **geminus** (*Salvad.*). (p. 121.)	N. New Guinea (Dorei to Kafu), Krudu Isl., Jobi Isl.
5. **quadrigeminus** (*Meyer*). (p. 121.)	Constantine Harbour, N.E. New Guinea.

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XIV. CYANOTRERON, *Bp.*
(Salvad. Cat. B. xxi. p. 121, 1893.)

1. **monacha** (*Temm. ex Reinw.*). (p. 121.)	Halmahéra, Batchian, Ternate, Kaioa.

XV. CHLOROTRERON, *Salvad.*
(Salvad. *t. c.* p. 122.)

1. **humeralis** (*Wall.*). (p. 123.)	N.W. & Central New Guinea (Fly River), Salawati, Waigiou.
2. **jobiensis** (*Schl.*). (p. 124.)	N.W. New Guinea to Tarawai, Jobi Isl.
3. **biroi**, *Madarász*, Termés. Füzetek, xx. p. 47, tab. 1 (1897).	New Guinea.
4. **iozona** (*Gray*). (p. 124.)	S.E. New Guinea, Aru Is.

XVI. ŒDIRHINUS, *Cab. & Reichen.*
(Salvad. *t. c.* p. 125.)

1. **insolitus** (*Schl.*). (p. 126.)	Bismarck Archipelago.

XVII. SYLPHITRERON, *Bp.*
(Salvad. *t. c.* p. 126.)

1. **tannensis** (*Lath.*). (p. 127.)	New Hebrides.
2. **aurantiifrons** (*Gray*). (p. 128.)	New Guinea, Salawati, Jobi, Mysol, Batanta, Aru Is
3. **wallacei** (*Gray*). (p. 129.)	Aru Is., Kei Is., Babbar Isl., Tenimber Is.
4. **ornata** (*Schl.*). (p. 131.)	N.W. New Guinea.

5. **gestroi** (*D'Albert. & Salvad.*). (p. 131.)	S.E. New Guinea.
6. **perlata** (*Temm.*). (p. 132.)	W. New Guinea, Salawati, Jobi Isl.
7. **zonura** (*Salvad.*). (p. 133.)	S. & S.E. New Guinea, Aru Is.
8. **plumbeicollis** (*A. B. Meyer*). (p. 133.)	Constantine Harbour, N.E. New Guinea.

XVIII. THORACOTRERON, *Salvad.*

(Salvad. Cat. B. xxi. p. 134, 1893.)

1. **strophium**, *Jard.* (p. 135.)	Louisiade Is., S.E. New Guinea.
2. **miqueli**, *Schl.* (p. 136.)	Jobi Isl., Miosnoum Isl.
3. **rivolii** (*Prév. & Knip*). (p. 136.)	Bismarck Archipelago.
4. **prasinorrhoa** (*Gray*). (p. 137.)	Salawati, Jobi and W. Papuan Is., Kei Is., Goram, Amboina, Buru, Molucca Is.
5. **bella** (*Sel.*). (p. 138.)	New Guinea.
6. **orientalis**, *De Vis*, Rep. Orn. Coll. New Guinea, 1894. p. 6.	Mt. Maneao, S.E. New Guinea.
7. **speciosa** (*Schl. ex Rosenb. MS.*). (p. 139.)	Is. of Geelvink Bay, N.W. New Guinea.
8. **johannis**, *Sel.* (p. 140.)	Admiralty Is.
9. **solomonensis** (*Gray*). (p. 140.)	Solomon Is.

XIX. SPILOTRERON, *Salvad.*

(Salvad. *t. c.* p. 141.)

1. **melanocephala** (*Forst.*). (p. 142.)	Java, Flores, Sumbawa, Sumba, Lombok.

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2. **bangueyensis** (*A. B. Meyer*). (p. 143.)	Mindanao, Basilan, Sulu Is., Banguey Isl.
3. **melanospila** (*Salvad.*). (p. 144.)	Celebes, Togian Is.
4. **chrysorrhoa** (*Salvad.*). (p. 144.)	Sula Is., Ceram.
5. **pelingensis**, *Hartert*, Nov. Zool. v. p. 135 (1898).	Peling & Banggai Is.
6. **xanthorrhoa** (*Salvad.*). (p. 145.)	Sangi Is.

XX. IONOTRERON, *Bp.*

(Salvad. Cat. B. xxi. p. 146, 1893.)

1. **nana** (*Temm.*). (p. 147.)	S. & C. New Guinea, Salawati, Mysol.
2. **ionogaster** (*Temm.*). (p. 148.)	Halmahéra, Batchian.
3. **granulifrons** (*Hartert*, Bull. Brit. Orn. Club, vii. p. xxxv, 1898).	Obi Isl.
4. **pectoralis** (*Wagl.*). (p. 149.)	W. New Guinea. Waigiou, Mysol.
5. **salvadorii** (*Rothsch.*). (p. 150.)	Jobi.
6. **viridis** (*Linn.*). (p. 151.)	Amboina, Ceram, Buru.
7. **musschenbroeki** (*Schl.*). (p. 152.)	N.W. New Guinea, Is. of Geelvink Bay.
8. **lewisi** (*Ramsay*). (p. 153.)	Solomon Is. (Guadalcanar).
9. **vicina**, *Hartert*, Nov. Zool. ii. p. 62 (1895).	Fergusson Isl.
10. **eugeniæ**, *Gould*. (p. 153.)	Solomon Is. (Ugi).

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XXI. CHRYSŒNAS, *Bp.*

(Salvad. Cat. B. xxi. p. 155, 1893.)

1. **luteovirens** (*Hombr. & Jacq.*). (p. 155.)	Fiji Is. (Ovalau, Viti Levu).
2. **victor**, *Gould.* (p. 157.)	Fiji Is. (Vanua Levu, Taviuni).
3. **viridis**, *Layard.* (p. 158.)	Fiji Is. (Kandavu).

XXII. DREPANOPTILA, *Bp.*

(Salvad. *t. c.* p. 158.)

1. **holosericea** (*Temm. & Knip*). (p. 158.)	New Caledonia.

XXIII. ALECTRŒNAS, *Gray.*

(Salvad. *t. c.* p. 160.)

1. **pulcherrima** (*Scop.*). (p. 161.)	Seychelles Is.
2. **sganzini** (*Des Murs*). (p. 162.)	Comoro Is.
3. **minor**, *Berl.*, Abh. Senck. nat. Ges. 1898, p. 493.	Aldabra Is.
3. **nitidissima** (*Scop.*). (p. 163.)	Mauritius (extinct).
4. **madagascariensis** (*Linn.*). (p. 164.)	Madagascar, Nossi Bé.

XXIV. MEGALOPREPIA, *Reichenb.*

(Salvad. *t. c.* p. 166.)

1. **formosa**, *Gray.* (p. 166.)	Is. of Halmahéra, Batchian, Ternate. Obi Is.
2. **magnifica** (*Temm.*). (p. 167.)	E. Australia (N. S. Wales to Rockingham Bay).
3. **assimilis** (*Gould*). (p. 168.)	N.E. Australia (Cape York to Rockingham Bay).
4. **poliura**, *Salvad.* (p. 169.)	C. New Guinea (Fly River).

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5. **septentrionalis**, *A. B. Meyer*, Abhandl. k. zool. Mus. Dresd. 1892-93, no. 3, p. 25 (1893). — N. & E. New Guinea, Jobi Isl.

6. **puella** (*Less.*). (p. 170.) — W. New Guinea, Salawati, Batanta, Waigiou, Ghemien.

XXV. Lithophaps, *De Vis.*

(Proc. Linn. Soc. N. S. W. (2) vi. p. 117, 1891.)

1. **ulnaris**, *De Vis, l. c.* — Queensland.

Sub-Family III. *CARPOPHAGINÆ.*

(Salvad. Cat. B. xxi. p. 171, 1893.)

XXVI. SERRESIUS, *Bp.*

(Salvad. *t. c.* p. 171.)

1. **galeatus**, *Bp.* (p. 171.) — Marquesas Is.

XXVII. GLOBICERA, *Bp.*

(Salvad. *t. c.* p. 172.)

1. **pacifica** (*Gm.*). (p. 173.) — Samoa, Tonga Is., Fiji Is., New Hebrides, Louisiade Archipelago, S.E. New Guinea.

2. **oceanica** (*Less.*). (p. 176.) — Caroline Is., Pelew Is. Marshall Isl. (nearly extinct).

3. **myristicivora** (*Scop.*). (p. 177.) — W. New Guinea, Mysol, Waigiou.

4. **rubricera** (*Gray*). (p. 178.) — Bismarck Archipelago.

5. **rufigula** (*Salvad.*). (p. 179.) — Solomon Is.

6. **auroræ** (*Peale*). (p. 180.) — Maitea, Society Is.

7. **wilkesi** (*Peale*). (p. 181.) — Tahiti, Society Is.

8. **forsteri** (*Wagl.*). (p. 172, note.) — Tahiti.

XXVIII. CARPOPHAGA, *Selby*.

(Salvad. Cat. B. xxi. p. 181, 1893.)

1. **whartoni**, *Sharpe*. (p. 184.)	Christmas Isl., Indian Ocean.
2. **œnothorax**, *Salvad.* (p. 184.)	Engaño Isl., Sumatra.
3. **insularis**, *Blyth*. (p. 185.)	Nicobar Is.
4. **consobrina**, *Salvad.* (p. 186.)	Nias Isl.
—5. **concinna**, *Wall.* (p. 186.)	Aru Isl., Kei Is., Moluccas, Lesser Sunda Is., Tenimber Is., Sangi Is., S. Celebes.
6. **separata**, *Hartert*, Nov. Zool. iii. p. 180 (1896).	Kei Is.
7. **geelvinkiana**, *Schl.* (p. 188.)	Is. of Geelvink Bay, N.W. New Guinea.
— 8. **paulina** (*Bp. ex Temm.*). (p. 188.)	Celebes, Sula Is.
9. **pulchella**, *Wald.* (p. 189.)	Togian Is.
10. **nuchalis**, *Cab.* (p. 190.)	Luzon.
— 11. **ænea** (*Linn.*). (p. 190.)	Indian Peninsula, Ceylon, Indo-Chinese countries, Hainan, Malay Peninsula, Sunda Is., Philippine Is., Sulu Is.
12. **intermedia**, *A. B. Meyer & Wiglesw.* J. f. O. 1894, p. 249.	Talaut Is.
13. **van-de-polli**, *Büttik.*, Notes Leyden Mus. xviii. p. 190 (1896).	Nias Isl.
14. **rhodinolæma**, *Sel.* (p. 196.)	Admiralty Is.
15. **van-wycki**, *Cass.* (p. 196.)	Bismarck Archipelago.

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16. **pistrinaria,** *Bp.* (p. 197.)	Solomon Is.
17. **rosacea** (*Temm.*). (p. 198.)	Celebes, Halmahéra, Kei Is., Tenimber Is., Lesser Sunda Is. (Timor, Flores, etc.).
18. **perspicillata** (*Temm.*). (p. 199.)	Halmahéra, Batchian, Buru.
19. **neglecta,** *Schl.* (p. 200.)	Ceram, Amboina.
20. **pickeringi,** *Cass.* (p. 201.)	Sulu Archipelago, Mantanani Isl. Lawas R., N.W. Borneo.
21. **cineracea** (*Temm.*). (p. 202.)	Timor.
22. **latrans,** *Peale.* (p. 202.)	Fiji Is.
23. **zoæ** (*Less.*). (p. 204.)	New Guinea, Jobi, Salawati, Aru Is.
24. **orientalis** *A. B. Meyer.* (p. 205, note.)	German New Guinea.

XXIX. PTILOCOLPA, *Bp.*

(Salvad. Cat. B. xxi. p. 205, 1893.)

1. **griseipectus,** *Bp.* (p. 205.)	Philippine Is. (Luzon, Mindoro, Mindanao).
2. **nigrorum,** *Whitehead,* Bull. B. O. C. vi. p. xxxiv (1897).	Negros.
3. **carola,** *Bp.* (p. 206.)	Luzon.

XXX. ZONOPHAPS, *Salvad.*

(Salvad. *t. c.* p. 207.)

1. **forsteni,** *Bp.* (p. 208.)	Celebes.
2. **poliocephala,** *Hartl.* (p. 209.)	Philippine Is. (Negros, Mindanao, Basilan).
3. **mindorensis** (*Whitehead,* Ann. & Mag. Nat. Hist. (6) xviii. p. 189, 1896). Fig. Ogilvie Grant, Ibis, 1896, pl. xi.	Mindoro.

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4. **radiata** (*Q. & G.*). (p. 210.)	Celebes, Sangi Is.
5. **finschi**, *Ramsay*. (p. 211.)	New Ireland.
6. **basilica**, *Bp*. (p. 211.)	Moluccas, Batchian, Halmahéra, Morotai.
7. **obiensis**, *Hartert*, Bull. B. O. C. vii. p. xxxv (1898).	Obi Is.
8. **rufiventris**, *Salvad*. (p. 212.)	New Guinea, Salawati, Jobi, Waigiou, Mysol.
9. **chalconota**, *Salvad*. (p. 213.)	New Guinea.

XXXI. DUCULA, *Hodgs.*

(Salvad. Cat. B. xxi. p. 214, 1893.)

1. **lacernulata** (*Temm.*). (p. 215.)	Java.
2. **williami**, *Hartert*, Nov. Zool. iii. p. 552 (1896).	Bali.
3. **sasakensis**, *Hartert*, Nov. Zool. iii. p. 564 (1896).	Lombok.
4. **cuprea** (*Jerd.*). (p. 215.)	S. Indian Peninsula.
5. **insignis**, *Hodgs*. (p. 216.)	E. Himalayas (Nepal to Assam).
6. **griseicapilla**, *Wald*. (p. 217.)	Manipur to Tenasserim.
7. **badia** (*Raffl.*). (p. 218.)	Malay Peninsula, Sumatra, N.W. Borneo, ? Java.

XXXII. CRYPTOPHAPS, *Salvad.*

(Salvad. *t. c.* p. 219.)

1. **pœcilorrhoa** (*Brügg.*). (p. 220.)	N. Celebes.

XXXIII. ZONŒNAS, *Reichenb.*

(Salvad. *t. c.* p. 220.)

1. **muelleri** (*Temm.*). (p. 221.)	S. New Guinea, Aru Is.

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2. **aurantia** (*A. B. Meyer*, Abhandl. k. zool. Mus. Dresden, 1892–93, no. 3, p. 25, 1893).	N. New Guinea.
3. **pinon** (*Q. & G.*). (p. 222.)	New Guinea, Aru Is.
4. **rubiensis** (*A. B. Meyer*). (p. 223.)	N.W. & S.E. New Guinea.
5. **salvadorii** (*Tristr.*). (p. 223.)	Louisiade Archipelago.
6. **westermani** (*Schl.*). (p. 224.) [*astrolabiensis*, A. B. Meyer (p. 225).]	Jobi I., S. to New Guinea.
7. **melanochroa** (*Scl.*). (p. 225.)	Bismarck Archipelago.
8. **brenchleyi** (*Gray*). (p. 225.)	Solomon Is.

XXXIV. PHÆNORHINA, *Gray*.
(Salvad. Cat. B. xxi. p. 226, 1893.)

1. **goliath** (*Gray*). (p. 226.)	New Caledonia.

XXXV. MYRISTICIVORA, *Reichenb.*
(Salvad. *t. c.* p. 227.)

1. **bicolor** (*Scop.*). (p. 227.)	Siam, Cochin China, Andamans, Nicobars, Malay Peninsula, Indo-Malayan Is., Moluccas, Tenimber Is.
2. **spilorrhoa** (*Gray*). (p. 231.)	New Guinea Aru Is., N. Australia.
3. **subflavescens**, *Finsch*. (p. 232.)	New Ireland.
4. **melanura** (*Gray*). (p. 233.)	Halmahéra, Batchian, Buru, Ceram, Amboina.
5. **luctuosa** (*Temm.*). (p. 233.)	Celebes, Sula Is.

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XXXVI. **LOPHOLÆMUS**, *Gray*.
(Salvad. Cat. B. xxi. p. 235, 1893.)

1. **antarcticus** (*Shaw*). (p. 235.) — E. Australia, Tasmania.

XXXVII. **HEMIPHAGA**, *Bp*.
(Salvad. *t. c.* p. 236.)

1. **novæ-zealandiæ** (*Gm.*). (p. 23 — New Zealand, Auckland Is.
2. **spadicea** (*Lath.*). (p. 238.) — Norfolk Isl.
3. **chathamensis** (*Rothsch.*). (p. 239.) — Chatham Is.

Family II. COLUMBIDÆ.

(Salvad. Cat. B. xxi. p. 240, 1893.)

Sub-Family I. *COLUMBINÆ*.

(Salvad. *t. c.* p. 240.)

I. **GYMNOPHAPS**, *Salvad*.
(Salvad. *t. c.* p. 240.)

1. **albertisii**, *Salvad*. (p. 240.) — S.E. New Guinea.

II. **COLUMBA**, *Linn*.
(Salvad. *t. c.* p. 241.)

1. **grisea**, *Bp*. (p. 248.) — Sumatra, Borneo.
2. **unicincta**, *Cass*. (p. 242, note.) — W. Africa (Gaboon to Liberia.
3. **leuconota**, *Vig*. (p. 249.) — Yarkand, Thibet, Himalayas (Kashmir to Bhutan).
4. **rupestris**, *Bp*. (p. 250.) — Himalayas (Kashmir to Sikhim), Turkestan, Thibet to N. China.
5. **pallida**, *Rothschild & Hartert*, Orn. MB. v. p. 41 (1893). — E. Siberia.

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6. **taczanowskii**, *Stejn.*, Proc. U.S. Nat. Mus. xvi. p. 624 (1893).	E. Siberia, Corea.
— 7. **livia**, *Bonn.* (p. 252.)	Europe, Mediterranean Countries, C. Asia, Turkestan, China.
8. **neglecta**, *Hume*, Str. F. i. p. 218 (1873). [*livia*, pt., Salvad. *t. c.* p. 252.]	Persia to N.W. India.
9. **melitensis**, *Lydekker*, Cat. Foss. B. p. 124 (1891).	Malta (Pleistocene).
10. **calcaria**, *Milne-Edw.*, Ois. Foss. France, ii. p. 292 (1869–71).	France (Miocene).
11. **gymnocyclus**, *Bp.* (p. 257.)	W. Africa.
— 12. **schimperi**, *Bp.* (p. 258.)	Palestine, Egypt, Nubia, Madeira.
— 13. **intermedia**, *Strickl.* (p. 259.)	S. Persia, C. Asia, Indian Peninsula, Ceylon, China, Japan.
— 14. **œnas**, *Linn.* (p. 261.)	Europe. C. Asia to Lob-Nor.
15. **eversmanni**, *Bp.* (p. 264.)	W. Siberia, C. Asia, Afghanistan, N.W. Indian Peninsula.
— 16. **albitorques**, *Rüpp.* (p. 266.)	Abyssinia, Shoa.
— 17. **guinea**, *Linn.* (p. 266.)	W. Africa: Senegambia to Nigeria. N.E. Africa. E. Africa to Kilimanjaro.
18. **uhehensis**, *Reichen.*, Orn. MB. vi. p. 82 (1898).	Uhehe, German E. Africa.
— 19. **phæonota**, *Bp.* (p. 268.)	South Africa: Cape Colony to Transvaal.
20. **mada**, *Hartert*, Bull. B. O. C. viii. p. xxxiii (1899).	Buru Isl.
— 21. **gymnophthalma**, *Temm. & Knip.* (p. 269.)	Is. of Curaçoa, Aruba, & Bonaire.
— 22. **picazuro**, *Temm.* (p. 271.)	S. Brazil, Argentina.

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23. **albipennis,** *Scl. & Salv.* (p. 272.)	S. Peru, Bolivia.
24. **maculosa,** *Temm.* (p. 273.)	Uruguay, Argentina, N. Patagonia.
25. **hodgsoni,** *Vig.* (p. 274.)	Himalayas, Kashmir to Bhutan, Moupin.
26. **arquatrix,** *Temm. & Knip.* (p. 276.)	E. Cape Colony to E. Africa (Kilimanjaro).
27. **thomensis,** *Bocage,* Jorn. Sci. Lisb. xii. p. 230 (1888).	Isl. of S. Thomas, W. Africa.
28. **sjöstedti,** *Reichen.,* J. f. O. 1898, p. 138.	Cameroons.
29. **leucocephala,** *Linn.* (p. 278.)	Greater & Lesser Antilles, Florida Keys, Honduras. Cozumel Isl. Bahamas.
30. **squamosa,** *Bonn.* (p. 280.)	Greater & Lesser Antilles.
31. **speciosa,** *Gm.* (p. 281.)	E. Mexico to Panama, Colombia, Ecuador, Peru, Brazil, Guiana.
32. **inornata,** *Vig.* (p. 284.)	Greater Antilles.
33. **flavirostris,** *Wagl.* (p. 285.)	U. S. A. to Costa Rica.
34. **madrensis,** *Nelson,* Pr. Biol. Soc. Washington, xii. p. 6 (1898).	Tres Marias Is.
35. **œnops,** *Salvin,* Nov. Zool. ii. p. 20 (1895).	Peru.
36. **rufina,** *Temm. & Knip.* (p. 287.)	Guatemala to Panama. Colombia, Ecuador, Peru, Brazil, Guiana.
37. **caribæa,** *Jacq.* (p. 290.)	Jamaica. ? Porto Rico.
38. **fasciata,** *Say.* (p. 291.)	Western U. States, Mexico, Guatemala, Nicaragua.
39. **vioscæ,** *Brewst.* (p. 293.)	Lower California.
40. **crissalis,** *Salvad.* (p. 294.)	Costa Rica to Panama.

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41. **albilinea,** *Bp.* (p. 294.)	Guiana, Colombia, Ecuador, Peru, Bolivia.
42. **tucumana,** *Salvad.*, Boll. Mus. Torino, x. no. 208, p. 22 (1895).	Tucuman.
43. **araucana,** *Less.* (p. 296.)	C. Peru, Chile, Patagonia.
44. **laurivora,** *Webb & Berth.* (p. 297.)	Canary Is. (Gomera, Palma).
45. **bollei,** *Godman.* (p. 297.)	Canary Is. (Teneriffe, Gomera, Palma).
46. **trocaz,** *Heineken.* (p. 298.)	Madeira.
47. **palumbus,** *Linn.* (p. 299.)	Europe to N. Persia. Azores. Madeira.
48. **casiotis,** *Bp.* (p. 302.)	Central Asia, N.W. Himalayas, Afghanistan, S.E. Persia.
49. **torringtoniæ** (*Kelaart*). (p. 303.)	Ceylon.
50. **elphinstonei** (*Sykes*). (p. 304.)	Hills of S. India.
51. **pulchricollis,** *Blyth.* (p. 305.)	E. Himalayas. ? S. China, Formosa.
52. **punicea** (*Blyth*). (p. 306.)	E. C. India. Assam, Burmese Countries to N. Malay Peninsula.
53. **palumboides** (*Hume*). (p. 308.)	Andamans, Nicobars.
54. **versicolor,** *Kittl.* (p. 309.)	Bonin Islands.
55. **jouyi** (*Stejn.*). (p. 310.)	Liu-Kiu Is.
56. **ianthina,** *Temm.* (p. 310.)	Japan, Corea.
57. **nitens** (*Stejn.*). (p. 311.)	Bonin Is.

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58. **metallica,** *Temm.* (p. 312.)	Lesser Sunda Is. (Timor, etc.).
59. **griseigularis** (*Wald. & Layard*). (p. 313.)	Philippine Is., N. Borneo.
60. **albigularis** (*Bp.*). (p. 313.)	Moluccas, New Guinea, Ceram, Amboina, Louisiade Archipelago.
61. **hypœnochroa** (*Gould*). (p. 315.)	New Caledonia, Loyalty Is.
62. **vitiensis,** *Q. & G.* (p. 316.)	Fiji Is.
63. **leopoldi** (*Tristr.*). (p. 317.)	New Hebrides.
64. **castaneiceps,** *Peale.* (p. 318.)	Samoa Is.
65. **pallidiceps,** *Ramsay.* (p. 319.)	Duke of York Is.
66. **philippana,** *Ramsay.* (p. 319.)	Solomon Is. (Ugi).
67. **leucomela,** *Temm.* (p. 320.)	E. Australia.
68. **polleni,** *Schl.* (p. 321.)	Great Comoro Isl.
69. **nigrirostris,** *Scl.* (p. 322.)	S. Mexico to Panama.
70. **plumbea,** *V.* (p. 323.)	Guiana, Colombia, Ecuador, N. & E. Peru, Bolivia, Brazil.
71. **subvinacea** (*Lawr.*). (p. 326.)	Costa Rica to Veragua. Colombia, Ecuador.
72. **berlepschi,** *Hartert*, Nov. Zool. v. p. 504 (1898).	N.W. Ecuador.

III. NESŒNAS, *Salvad.*

(Salvad. Cat. B. xxi. p. 327, 1893.)

1. **mayeri**, *Marchal.* (p. 327.)	Mauritius.

IV. TURTURŒNA, *Bp.*.

(Salvad. *t. c.* p. 328.)

1. **delegorguei** (*Deleg.*). (p. 328.)	Natal.
2. **sharpei**, *Salvad.* (p. 329.)	Equatorial Africa Mt. Elgon).

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3. **harterti**, *Oscar Neumann*, J. f. O. 1898, p. 287, Taf. ii.	Kilimanjaro.
4. **incerta**, *Salvad.* (p. 330.)	Patr. incogn.
5. **iriditorques** (*Cass.*). (p. 330.)	W. Africa (Liberia to Gaboon).
6. **malherbei** (*Verr.*). (p. 331.)	W. Africa (Prince's Isl., S. Thomas).

Sub-Family II. *MACROPYGIINÆ.*

(Salvad. Cat. B. xxi. p. 333, 1893.)

V. TURACŒNA, *Bp.*

(Salvad. *t. c.* p. 333.)

1. **menadensis** (*Q. & G.*). (p. 333.)	Celebes, Togian Is., Sula Is.
2. **modesta** (*Temm.*). (p. 334.)	Lesser Sunda Is. (Timor, etc.).

VI. MACROPYGIA, *Swains.*

(Salvad. *t. c.* p. 335.)

1. **macrura** (*Gm.*). (p. 335, note.)	Patr. incert.
2. **tusalia** (*Blyth*). (p. 338.)	Himalayas, Kumaon to Assam, Manipur, Burmese Provinces, Moupin.
3. **swinhoei**, *Wardlaw Ramsay.* (p. 340.)	Hainan.
4. **leptogrammica** (*Temm.*). (p. 340.)	Hills of Malay Peninsula, Java, Sumatra.
5. **magna**, *Wall.* (p. 342.)	Lesser Sunda Is. (Timor, etc.).
6. **timorlaoensis**, *A. B. Meyer.* (p. 342.)	Tenimber Is.
7. **macassariensis**, *Wall.* (p. 343.)	S. Celebes.

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8. **cinnamomea,** *Salvad.* (p. 344.)	Engaño.
9. **rufipennis,** *Blyth.* (p. 344.)	Andamans, Nicobars.
10. **tenuirostris,** *Bp.* (p. 346.)	Philippine Is., Sulu Archipelago.
11. **emiliana,** *Bp.* (p. 347.)	Java, N. Borneo, Lombok.
12. **modigliani,** *Salvad.* (p. 349.)	Nias Isl.
13. **phasianella** (*Temm.*). (p. 349.)	E. & S. Australia.
14. **amboinensis** (*Linn.*). (p. 351.)	Amboina, Ceram, Buru.
15. **keiensis,** *Salvad.* (p. 352.)	Kei Is.
16. **albicapilla,** *Bp.* (p. 353.)	Celebes, Sula Is., Togian Is.
17. **sangirensis,** *Salvad.* (p. 354.)	Sangi Is.
18. **maforensis,** *Salvad.* (p. 355.)	Mafor Isl., Geelvink Bay.
19. **doreya,** *Bp.* (p. 355.)	N.W. New Guinea, Salawati, Is. of Geelvink Bay, Waigiou, Aru Is.
20. **cinereiceps,** *Tristr.* (p. 357.)	S.E. New Guinea, D'Entrecasteaux Is.
21. **griseinucha,** *Salvad.* (p. 357.)	Miosnom Isl., N.W. New Guinea.
22. **batchianensis,** *Wall.* (p. 357.)	Halmahéra, Batchian, Morotai, etc.
23. **kerstingi,** *Reichen.*, Orn. MB. v. p. 25 (1897).	German New Guinea.
24. **goldiei,** *Salvad.* (p. 358.)	S.E. New Guinea.

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25. **carteretia,** *Bp.* (p. 359.)	Bismarck Archipelago, Louisiade Is.
26. **ruficeps** (*Temm.*). (p. 360.)	Burmese Provinces, Malay Peninsula, Java, Sumatra, Borneo.
27. **orientalis,** *Hartert,* Nov. Zool. iii. p. 573 (1896).	Sambawa Isl.
28. **nigrirostris,** *Salvad.* (p. 361.)	New Guinea, Bismarck Archipelago.
29. **rufo-castanea,** *Ramsay.* (p. 363.)	Solomon Is.
30. **rufa,** *Ramsay.* (p. 363.)	New Hebrides.
31. **mackinlayi,** *Ramsay.* (p. 364, note.)	Tanna Isl., New Hebrides.

VII. REINWARDTŒNAS, *Bp.*

(Salvad. Cat. B. xxi. p. 365, 1893.)

1. **reinwardti** (*Temm.*). (p. 365.)	Celebes, Molucca Is., Ceram, Amboina, Waigiou.
2. **griseitincta,** *Hartert,* Nov. Zool. iii. p. 18 (1896).	New Guinea.
3. **obiensis,** *Hartert,* Bull. B. O. C. vii. p. xxxv (1898).	Obi Is.
4. **minor,** *Schl.* (p. 367.)	Misori Isl., N.W. New Guinea.
5. **browni** (*Scl.*). (p. 367.)	Bismarck Archipelago.

VIII. CORYPHŒNAS, *Wardlaw Ramsay.*

(Salvad. *t. c.* p. 368.)

1. **crassirostris** (*Gould*). (p. 368.)	Solomon Is.

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Sub-Family III. *ECTOPISTINÆ.*

(Salvad. Cat. B. xxi. p. 369, 1893.)

IX. ECTOPISTES, *Swains.*
(Salvad. *t. c.* p. 369.)

1. **migratorius** (*Linn.*). (p. 369).	E. & C. North America.

Family III. PERISTERIDÆ.

(Salvad. Cat. B. xxi. p. 372, 1893.)

Sub-Family I. *ZENAIDINÆ.*

(Salvad. *t. c.* p. 372.)

I. ZENAIDURA, *Bp.*
(Salvad. *t. c.* p. 372.)

1. **carolinensis** (*Linn.*). (p. 374.)	N. America to Central America (Mexico to Panama). West India Is.
2. **yucatanensis**, *Lawr.* (p. 373, note.)	Yucatan.
3. **clarionensis**, *Towns.* (p. 378.)	Clarion Is.
4. **graysoni**, *Lawr.* (p. 378.)	Socorro Is.

II. ZENAIDA, *Bp.*
(Salvad. *t. c.* p. 379.)

1. **aurita** (*Temm. & Knip*). (p. 380.)	Lesser Antilles, S. Croix.
2. **meridionalis** (*Lath.*). (p. 641.) [*zenaida* (Bp.). (p. 382.) *Cf.* Forbes & Robins., Bull. Liverp. Mus. i. p. 36.]	Bahamas, Florida Keys, Greater and Lesser Antilles, Yucatan.
3. **spadicea**, *Cory.* (p. 383, note.)	Grand Cayman Isl.

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4. **yucatanensis**, *Salvad.* (p. 384.)	Yucatan. Is. of Bay of Honduras (Cozumel, &c.)
5. **auriculata**, *Des Murs.* (p. 384.)	Western South America, from Ecuador to Chile. Brazil, Fernando Noronha Isl., Argentina, Patagonia.
6. **ruficauda**, *Bp.* (p. 387.)	Colombia, Venezuela. ? N. Amazonia (Rio Branco).
7. **vinaceo-rufa**, *Ridgw.* (p. 389.)	British Guiana, Venezuela, Curaçao, Grenada, Grenadines.
8. **jessicæ**, *Ridgw.* (p. 389.)	Lower Amazonia.
9. **stenura**, *Bp.* (p. 390, note.)	Colombia.

III. **NESOPELIA**, *Sundev.*
(Salvad. Cat. B. xxi. p. 390, 1893.)

1. **galapagoensis** (*Gould*). (p. 390.)	Galapagos Archipelago.

IV. **MELOPELIA**, *Bp.*
(Salvad. *t. c.* p. 391.)

1. **leucoptera** (*Linn.*). (p. 392.)	Southern U. States. C. America to Costa Rica. Greater Antilles.
2. **meloda** (*Tsch.*). (p. 395.)	Peru. N. Chili.

Sub-Family II. *TURTURINÆ.*
(Salvad. Cat. B. xxi. p. 396, 1893.)

V. **TURTUR**, *Selby.*
(Salvad. *t. c.* p. 396.)

1. **turtur** (*Linn.*). (p. 396.)	Europe, N. & N.E. Africa, Senegambia, Teneriffe.

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2. **arenicola,** *Hartert*, Nov. Zool. i. p. 42 (1894).	Persian Gulf, C. Asia.
3. **isabellinus,** *Bp.* (p. 400.)	N.E. Africa.
4. **ferrago** (*Eversm.*). (p. 401.)	S.W. Siberia to C. Asia, Himalayas, N.W. & C. India, Ceylon.
5. **orientalis** (*Lath.*). (p. 403.)	E. Himalayas, Burmese Provinces, China, Manchuria, Corea, Japan.
6. **lugens** (*Rüpp.*). (p. 408.)	N.E. Africa, E. Africa.

VI. HOMOPELIA, *Salvad.*

(Salvad. Cat. B. xxi. p. 409, 1893.)

1. **picturata** (*Temm.*). (p. 409.)	Madagascar, Mascarene Is.
2. **abbotti,** *Ridgw.*, Proc. U.S. Nat. Mus. xviii. p. 513 (1896).	Seychelles (Mahé)
3. **aldabrana,** *Scl.* (p. 411.)	Aldabra Isl.
4. **saturata,** *Ridgw.*, Proc. U.S. Nat. Mus. xvi. p. 600 (1893).	Amirante Is.
5. **comorensis,** *E. Newt.* (p. 412.)	Comoro Is.
6. **coppingeri,** *Sharpe.* (p. 412.)	Glorioso Isl.
7. **rostrata,** *Bp.* (p. 413.)	Seychelles Is. (Mahé).
8. **rodericana** (*Milne-Edwards*, Ann. Sci. Nat. (5) 1874, p. 15, pl. xii.).	Rodriguez Isl. (Pleistocene).

VII. STREPTOPELIA, *Bp.*

(Salvad. *t. c.* p. 413.)

1. **risoria** (*Linn.*). (p. 414, note.)	Patr. ign.
2. **semitorquata** (*Rüpp.*). (p. 416.)	Ethiopian Region generally.
3. **shelleyi,** *Salvad.* (p. 419.)	Nigeria to Upper White Nile.

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4. **ambigua** (*Bocage*). (p. 419.)	Upper White Nile to Zambesi. S.W. Africa (Benguela).
5. **perspicillata** (*Fisch. & Reichen.*). (p. 421, note.)	Masai-land, E. Africa.
6. **decipiens** (*Finsch & Hartl.*). (p. 420.)	Dongola, E. Sudan.
7. **bitorquata** (*Temm.*). (p. 421.)	Java, Lesser Sunda Isl.
8. **dussumieri** (*Temm.*). (p. 423.)	Philippine Is., N. Borneo, Sulu Is., Marianne Is.
9. **capicola** (*Finsch & Hartl.*). (p. 424.)	Cape Colony to Natal and Transvaal.
10. **damarensis** (*Finsch & Hartl.*). (p. 427.)	S.W. Africa to Transvaal, E. Africa, Madagascar, Comoro Is.
11. **vinacea** (*Gm.*). (p. 428.)	W. Africa (Senegambia to Loango), N.E. Africa.
12. **roseigrisea** (*Sundev.*). (p. 429.)	N.E. Africa, Arabia.
13. **douraca** (*Hodgs.*). (p. 430.)	S.E. Europe; Palestine, Persia, Indian Peninsula, Burma, China, Japan.
14. **stoliczkæ**, *Hume*. [*douraca*, pt., Salvad. Cat. B. xxi. p. 430.]	C. Asia.

VIII. ONOPOPELIA, *Blanf.*

(Blanf. Faun. Brit. Ind., Birds, iv. p. 47, 1898).

1. **humilis** (*Temm.*). (Salvad. Cat. p. 434.)	Andamans, E. Bengal, Indo-Chinese countries, China, Japan. Philippine Is.
2. **tranquebarica** (*Herm.*). (Salvad. Cat. p. 437.)	Indian Peninsula.

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IX. SPILOPELIA, *Sundev.*

(Salvad. Cat. B. xxi. p. 439, 1893.)

1. **chinensis** (*Scop.*). (p. 439.)	China, Formosa, Hainan.
2. **tigrina** (*Temm. & Knip*). (p. 440.)	Burma, Malay Peninsula, Greater & Lesser Sunda Is., Celebes, Moluccas.
3. **suratensis** (*Gm.*). (p. 444.)	Afghanistan, Indian Peninsula, Ceylon.

X. STIGMATOPELIA, *Sundev.*

(Salvad. *t. c.* p. 448.)

1. **senegalensis** (*Linn.*). (p. 448.)	Africa generally to Palestine. Socotra.
2. **cambayensis** (*Gm.*). (p. 451.)	S.E. Europe to C. Asia, Indian Peninsula.
3. **ermanni**, *Bp.* (p. 452, note.)	Bokhara.

Sub-Family III. *GEOPELIINÆ.*

(Salvad. Cat. B. xxi. p. 455, 1893.)

XI. GEOPELIA, *Swains.*

(Salvad. *t. c.* p. 455.)

1. **humeralis** (*Temm.*). (p. 455.)	Australia, S. New Guinea.
2. **tranquilla**, *Gould.* (p. 457.)	Australia.
3. **striata** (*Linn.*). (p. 458.)	Siam, S. Tenasserim, Malay Peninsula, Greater & Lesser Sunda Is., Philippine Archipelago, Celebes, Amboina.
4. **maugæi** (*Temm.*). (p. 461.)	Lesser Sunda Is., Tenimber Is., Kei Is.
5. **cuneata** (*Lath.*). (p. 462.)	Australia.

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XII. SCARDAFELLA, *Bp.*

(Salvad. Cat. B. xxi. p. 463, 1893.)

1. **squamosa** (*Temm. & Knip*). (p. 464.)	Brazil to Venezuela & Colombia.
2. **ridgwayi**, *Richm.*, Proc. U.S. Nat. Mus. xviii. p. 660 (1896).	Margarita Isl., Venezuela.
3. **inca** (*Less.*). (p. 465.)	S.W. U. States, Lower California, Mexico to Nicaragua.

XIII. GYMNOPELIA, *Scl. & Salv.*

(Salvad. *t. c.* p. 468.)

1. **erythrothorax** (*Meyen*). (p. 468.)	Peru & Bolivia to N. Chile.

Sub-Family IV. *PERISTERINÆ.*

(Salvad. Cat. B. xxi. p. 470, 1893.)

XIV. COLUMBULA, *Bp.*

(Salvad. *t. c.* p. 470.)

1. **picui** (*Temm.*). (p. 470.)	S. Brazil, Argentina to Bolivia & Chile.

XV. CHAMÆPELIA, *Swains.*

(Salvad. *t. c.* p. 472.)

1. **passerina**, *Linn.* (p. 473.)	Jamaica.
2. **terrestris** *, *Chapm.*, Bull. Amer. Mus. iv. p. 293 (1892). (p. 473, pt.)	S.E. U. States.
3. **pallescens**, *Baird.* (p. 473, pt.)	Texas to Arizona, Lower California, Mexico & C. America.
4. **socorrcensis**, *Ridgw.* (p. 473, pt.)	Socorro Isl.
5. **bahamensis**, *Maynard.* (p. 473, pt.)	Bahama Is.

* Count Salvadori (Cat. B. xxi. pp. 473–476) does not recognize all these races of *Chamæpelia*, but they are admitted by American ornithologists.

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6. **insularis**, *Ridgw.* (p. 463, pt.) [? = *C. passerina* (Linn.), Berl. J. f. O. 1892, p. 98.]	Great Cayman Isl.
7. **perpallida**, *Hartert*, Ibis, 1893, p. 304.	Aruba, Bonaire, & Curaçoa Is.
8. **minuta** (*Linn.*). (p. 481.)	Central America (Mexico to Panama), Colombia, Guiana, Brazil, Peru.
9. **cruziana** (*Prév. & Knip*). (p. 483.)	Ecuador to Peru, Bolivia, & N. Chile.
10. **buckleyi**, *Scl. & Salv.* (p. 484.)	Ecuador, Peru.
11. **talpacoti** (*Temm. & Knip*). (p. 485.)	Venezuela, Guiana, Brazil, Peru, Bolivia.
12. **rufipennis** (*Bp.*). (p. 487.)	Central America (Mexico to Panama) Colombia & Venezuela.

XVI. UROPELIA, *Bp.*

(Salvad. Cat. B. xxi. p. 489, 1893.)

1. **campestris** (*Spix*). (p. 489.)	Brazil to Bolivia.

XVII. OXYPELIA, *Salvad.*

(Salvad. *t. c.* p. 490.)

1. **cyanopis**, *Pelz.* (p. 490.)	Brazil.

XVIII. PERISTERA, *Swains.*

(Salvad. *t. c.* p. 491.)

1. **cinerea** (*Temm. & Knip*). (p. 491.)	Central America, Colombia, Guiana, Brazil, Bolivia, Peru, Ecuador.
2. **preticsa**, *Ferrari-Perez*, Pr. U.S. Nat. Mus. ix. p. 175 (1886).	Mexico.
3. **geoffroyi** (*Temm. & Knip*). (p. 494.)	S.E. Brazil.
4. **mondetoura**, *Bp.* (p. 495.)	Central America (S. Mexico to Guatemala), Colombia, Venezuela, Ecuador, Peru.

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XIX. **METRIOPELIA**, *Bp.*
(Salvad. Cat. B. xxi. p. 497, 1893.)

1. **melanoptera**, *Mol.* (p. 497.)	Ecuador to C. Chile & Mendoza.
2. **aymara**, *Knip & Prév.* (p. 499.)	Peru & Bolivia to N. Chile. Argentina.

Sub-Family V. *PHABINÆ.*
(Salvad. Cat. B. xxi. p. 500, 1893.)

XX. **ŒNA**, *Selby.*
(Salvad. *t. c.* p. 501.)

1. **capensis** (*Linn.*). (p. 501.)	Ethiopian Region. Arabia. Madagascar.

XXI. **TYMPANISTRIA**, *Reichenb.*
(Salvad. *t. c.* p. 504.)

1. **tympanistria** (*Temm. & Knip*). (p. 504.)	W. Africa, S. & E. Africa, Madagascar, Comoro Is.

XXII. **CHALCOPELIA**, *Bp.*
(Salvad. *t. c.* p. 506.)

1. **afra** (*Linn.*). (p. 506).	Tropical Africa.
2. **virgo** (*Hartl.*). (p. 506, note.)	Equatorial Africa.

XXIII. **CHALCOPHAPS**, *Gould.*
(Salvad. *t. c.* p. 510.)

1. **chrysochlora**, *Gould.* (p. 511.)	Lesser Sunda Is., Moluccas, S.E. New Guinea, New Hebrides, New Caledonia, Australia, Lord Howe Isl.
2. **sangirensis**, *W. Blasius.* (p. 513.)	Gt. Sangi Isl.

3. **indica** (*Linn.*). (p. 514.)	Indian Peninsula, Ceylon, Andamans, Nicobars, Indo-Chinese countries, Malay Peninsula, Sunda Isl., Celebes, Moluccas, New Guinea.
4. **natalis**, *Lister*. (p. 520.)	Christmas Isl., Indian Ocean.
5. **stephani**, *Reichenb.* (p. 520.)	Celebes, New Guinea, Mysol, Waigiou, Bismarck Archipelago.
6. **mortoni**, *Ramsay*. (p. 522.)	Solomon Is.

XXIV. **CALOPELIA**, *Salvad.*
(Salvad. Cat. B. xxi. p. 522, 1893.)

1. **puella** (*Schl.*). (p. 523.)	W. Africa (Gold Coast to Gaboon).
2. **brehmeri** (*Hartl.*). (p. 524.)	W. Africa (Gaboon to Loango).

XXV. **HENICOPHAPS**, *Gray*.
(Salvad. *t. c.* p. 524.)

1. **albifrons**, *Gray*. (p. 524.)	New Guinea, Salawati, Waigiou, Aru Is.

XXVI. **PHAPS**, *Selby*.
(Salvad. *t. c.* p. 525.)

1. **chalcoptera** (*Lath.*). (p. 526.)	Australia, Tasmania.
2. **elegans** (*Temm. & Knip*). (p. 527.)	Australia, Tasmania.

XXVII. **HISTRIOPHAPS**, *Salvad.*
(Salvad. *t. c.* p. 529.)

1. **histrionica** (*Gould*). (p. 529.)	Int. of Australia to Port Darwin, N.W. Australia.

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XXVIII. PETROPHASSA, *Gould.*

(Salvad. Cat. B. xxi. p. 530, 1893.)

1. **albipennis,** *Gould.* (p. 530.)	N.W. Australia
2. **rufipennis,** *Collett,* P. Z. S. 1898, p. 354, pl. xxviii.	Arnhem Land, W. Australia.

XXIX. GEOPHAPS, *Gould.*

(Salvad. *t. c.* p. 531.)

1. **scripta** (*Temm.*). (p. 531.)	S.E. & N.W. Australia.
2. **smithi** (*Jard. & Selby*). (p. 532.)	N. & N.W. Australia.

XXX. LOPHOPHAPS, *Reichenb.*

(Salvad. *t. c.* p. 533.)

1. **plumifera** (*Gould*). (p. 533.)	N.W. Australia.
2. **ferruginea** (*Gould*). (p. 534.)	W. Australia.
3. **leucogaster,** *Gould.* (p. 535.)	N.W. Australia.

XXXI. OCYPHAPS, *Gould.*

(Salvad. *t. c.* p. 535.)

1. **lophotes** (*Temm.*). (p. 535.)	N.E. & S. Australia.

Sub-Family VI. *GEOTRYGONINÆ.*

(Salvad. Cat. B. xxi. p. 537, 1893.)

XXXII. HAPLOPELIA, *Bp.*

(Salvad. *t. c.* p. 537.)

1. **larvata** (*Temm. & Knip*). (p. 538.)	S. Africa (Cape Colony to Transvaal).
2. **kilimensis,** *Oscar Neumann,* J. f. O. 1898, p. 289.	Kilimanjaro.
3. **bronzina** (*Rüpp.*). (p. 540.)	Abyssinia to Shoa.
4. **johnstoni,** *Shelley.* (p. 541.)	Milanji Mts., Nyasa-Land.
5. **inornata,** *Reichen.* (p. 541.)	Cameroons Mts.

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6. **principalis,** *Hartl.* (p. 542.)	Prince's Isl., W. Africa.
7. **simplex,** *Hartl.* (p. 542.)	S. Thomas Isl., W. Africa.

XXXIII. LEPTOPTILA, *Swains.*

(Salvad. Cat. B. xxi. p. 543, 1893.)

1. **fulviventris,** *Lawr.* [*brachyptera* (Gray: nom. nudum); *albifrons,* Sclat. et auct. (nec Bp.).] (p. 545.)	S.E. Texas & Mexico to Nicaragua.
2. **capitalis,** *Nelson,* Proc. Biol. Soc. Washington, xii. p. 6 (1898).	Tres Marias Is.
3. **verreauxi,** *Bp.* (p. 548.)	C. America (Costa Rica to Panama), Colombia to Guiana, Ecuador & Peru.
4. **insularis,** *Richm.*, Proc. U.S. Nat. Mus. xviii. p. 660 (1896).	Margarita Isl., Venezuela.
5. **plumbeiceps,** *Scl. & Salv.* (p. 550.)	E. Mexico to Guatemala.
6. **rufaxilla** (*Rich. & Bern.*). (p. 551.)	Amazonia to Guiana, Colombia, Ecuador, Peru.
7. **bahiæ,** *Berl.* (p. 553.)	Bahia, Brazil.
8. **reichenbachi,** *Pelz.* (p. 553.)	S. Brazil, Uruguay.
9. **chlorauchenia,** *Gigl. & Salvad.* (p. 554.)	S. Brazil, Argentina, Bolivia.
10. **callauchen,** *Salvad.*, Boll. Mus. Torino, xii. no. 292, p. 33 (1897).	Prov. Jujuy, Argentina.
11. **ochroptera,** *Pelz.* (p. 555.)	Brazil.
12. **megalura,** *Scl. & Salv.* (p. 556.)	Bolivia.
13. **saturata,** *Salvad.*, Boll. Mus. Torino, xii. no. 292, p. 33 (1897).	Int. of Argentina (Salta, Jujuy).
14. **decolor,** *Salvin,* Nov. Zool. ii. p. 21 (1895).	N. Peru.
15. **gaumeri** (*Lawr.*). (p. 557.)	N. Yucatan, Cozumel I., Jolbox I., Mugeres I.

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16. **jamaicensis** (*Linn.*). (p. 557.)	Jamaica.
17. **collaris** (*Cory*). (p. 559, note.)	Grand Cayman Isl.
18. **neoxena** (*Cory*). (p. 559, note.)	St. Andrew's Isl., W. Indies.
19. **wellsi** (*Lawr.*). (p. 559.)	Grenada Isl., Lesser Antilles.
20. **pallida**, *Berl. & Tacz.* (p. 560.)	W. Ecuador.
21. **cassini**, *Lawr.* (p. 560.)	Costa Rica to Panama.
22. **vinaceiventris** (*Ridgw.*). (p. 561.)	Honduras to Nicaragua.
23. **cerviniventris**, *Scl. & Salv.* (p. 561.)	British Honduras, Guatemala.
24. **rufinucha**, *Scl. & Salv.* (p. 562.)	Panama.

XXXIV. OSCULATIA, *Bp.*

(Salvad. Cat. B. xxi. p. 563, 1893.)

1. **sapphirina** (*Bp.*). (p. 563.)	E. Ecuador.
2. **purpurata**, *Salvin.* [*purpurea*, Salvad. Cat. xxi. p. 563, pl. xiv.]	Ecuador.

XXXV. GEOTRYGON, *Gosse.*

(Salvad. *t. c.* p. 564.)

1. **violacea** (*Temm. & Knip*). (p. 565.)	E. Brazil, Panama, Costa Rica.
2. **montana** (*Linn.*). (p. 567.)	C. America (Mexico to Panama), W. Indies, Ecuador, Bolivia, Peru, Amazonia, Brazil.
3. **martinica** (*Linn.*). (p. 570.)	Lesser Antilles.
4. **chrysia**, *Bp.* (p. 571.)	Greater Antilles, Florida Keys, Bahamas.

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5. **mystacea** (*Temm. & Knip*). (p. 572.)	Lesser Antilles.
6. **versicolor** (*Lafr.*). [*cristata*, Temm. & Knip (*nec* Gm.).] (p. 573.)	Jamaica.
7. **caniceps** (*Gundl.*). (p. 574.)	Cuba.
8. **veraguensis**, *Lawr.* (p. 575.)	Costa Rica to Panama (Atlantic slope).
9. **cachaviensis**, *Hartert*, Nov. Zool. v. p. 504 (1898).	N.W. Ecuador.
10. **lawrencei**, *Salv.* (p. 576.)	Panama (Pacific slope).
11. **costaricensis**, *Lawr.* (p. 577.)	Costa Rica.
12. **bourcieri**, *Bp.* (p. 577.)	Ecuador, ? N. Peru.
13. **erythroparia**, *Bp.* (p. 578.)	Ecuador.
14. **frenata** (*Tschudi*). (p. 578.)	Peru, Bolivia.
15. **chiriquensis**, *Scl.* (p. 579.)	Costa Rica to Panama.
16. **linearis** (*Prév. & Knip*). (p. 580.)	Colombia.
17. **venezuelensis**, *Salvad.* (p. 581.)	Venezuela, Tobago.
18. **albifacies**, *Scl.* (p. 581.)	C. America (Mexico to Nicaragua).

XXXVI. PHLOGŒNAS, *Reichenb.*

(Salvad. Cat. B. xxi. p. 583, 1893.)

1. **luzonica** (*Scop.*). (p. 585.)	Philippine Is. (Luzon).
2. **crinigera** (*Jacq. & Pucher.*). (p. 587.)	Mindanao, Basilan.
3. **menagei**, *Bourns & Worc.*, Occ. Papers Minnesota Acad. i. p. 10 (1894).	Tawi Tawi Isl., Sulu Archipelago.
4. **platenæ**, *Hartert*, J. f. O. 1891, p. 302. (p. 588.)	Mindoro Isl.
5. **rufigula** (*Jacq. & Pucher.*). (p. 588.)	New Guinea, Salawati, Jobi, Mysol, Waigiou.

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6. **helviventris** (*Rosenb.*). (p. 590.)	Aru Is., S.E. New Guinea.
7. **tristigma**, *Bp.* (p. 590.)	N. Celebes.
8. **bimaculata**, *Salvad.* (p. 591.)	S. Celebes.
9. **canifrons**, *Hartl. & Finsch.* (p. 592.)	Pelew Is.
10. **yapensis**, *Hartl. & Finsch.* (p. 593, note.)	Uap Isl., Mackenzie Is.
11. **beccarii** (*Salvad.*). (p. 593.)	? Jobi Isl.
12. **johannæ**, *Scl.* (p. 594.)	Duke of York Isl.
13. **granti**, *Salvad.* (p. 594.)	Guadalcanar Isl., Solomon Is.
14. **stairi** (*Gray*). (p. 595.)	Fiji Is., Tonga Is.
15. **samoensis**, *Finsch.* (p. 596.)	Samoa Is.
16. **solomonis**, *Ramsay.* (p. 597, note.)	? San Cristoval, Solomon Is.
17. **jobiensis**, *A. B. Meyer*, MT. k. Mus. Dresden, i. p. 10 (Aug. 1875). [*margaritæ* (D'Albert. & Salvad.), Nov. 1875 (p. 597.)]	New Guinea, Jobi, Bismarck Archipelago.
18. **kubaryi**, *Finsch.* (p. 599.)	Ruk Isl., Caroline Is.
19. **sp.** (p. 599, note.)	Guadalcanar, Solomon Is.
20. **erythroptera** (*Gm.*). (p. 600.)	Eimeo Isl., Society Is. ? Bow Isl., Paumotu Is.
21. **sp.** (p. 601, note.)	Tahiti, Society Is.
22. **albicollis**, *Salvad.* (p. 601.)	Bow Isl., Paumotu Is.
23. **xanthonura**, *Temm.* (*Cf.* Hartert, Nov. Zool. v. p. 60, 1898.) [*pampusan* (Q. & G.). (p. 602.)] [*virgo*, Reichen. (p. 604.)]	Marianne Is.

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24. **pectoralis** (*Peale*). (p. 604, note.)	Carlshoof Isl., Paumotu Is.
25. **sp.** (p. 604, note.)	Eimeo Isl., Society Is.
26. **sp.** (p. 605, note.)	Tanna Isl., New Hebrides.
27. **ferruginea,** *Forst.* (p. 605, note.)	Tanna Isl., New Hebrides.
28. **rubescens** (*Vieill.*). (p. 606, note.)	Nukahiva Isl., Marquesas Is.
29. **sp.** (p. 606, note.)	Marquesas Is.
30. **eimeensis** (*Gm.*). (p. 606, note.)	Eimeo Isl., Society Is.
31. **sp.** (p. 607.)	Howe's Isl., Tonga Is.

XXXVII. ALOPECŒNAS, *Finsch.*

(Finsch, Notes Leyd. Mus. xxi. 1899.)

1. **hoedti** (*Schl.*). (Salvad. Cat. p. 592.)	Wetter Isl., Lesser Sunda Is.

XXXVIII. LEUCOSARCIA, *Gould.*

(Salvad. Cat. B. xxi. p. 607, 1893.)

1. **picata** (*Lath.*). (p. 607.)	E. Australia, Interior Province, Victoria.

XXXIX. EUTRYGON, *Scl.*

(Salvad. *t. c.* p. 609.)

1. **terrestris** (*Jacq. & Pucher.*). (p. 609.)	W. New Guinea, Salawati.
2. **leucoparia,** *A. B. Meyer.* (p. 610.)	S. & S.E. New Guinea.

XL. OTIDIPHAPS, *Gould.*

(Salvad. *t. c.* p. 610.)

1. **nobilis,** *Gould.* (p. 611.)	W. New Guinea, Batanta.
2. **cervicalis,** *Ramsay.* (p. 611.)	S.E. New Guinea.
3. **insularis,** *Salvin & Godman.* (p. 612.)	Fergusson Isl., D'Entrecasteaux Is.

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XLI. STARNŒNAS, *Bp.*

(Salvad. Cat. B. xxi. p. 612, 1893.)

1. **cyanocephala** (*Linn.*). (p. 613.)	Cuba, Florida Keys.

Sub-Family VII. *CALŒNADINÆ.*

(Salvad. Cat. B. xxi. p. 614, 1893).

XLII. CALŒNAS, *Gray.*

(Salvad. *t. c.* p. 614.)

1. **nicobarica** (*Linn.*). (p. 615.)	Nicobar Is., Mergui Archipelago, Greater Sunda Is. Moluccas to New Guinea. Bismarck Archipelago.
2. **maculata** (*Gm.*). (p. ~~641.~~) (*Cf.* Forbes, Bull, Liverp. Mu[illegible] 83, Columbæ, pl. i.)	Patr. ign.
3. **pelewensis**, *Finsch.* (p. 618.)	Pelew Is.

Family IV. GOURIDÆ.

(Salvad. Cat. B. xxi. p. 619, 1893.)

I. GOURA, *Steph.*

(Salvad. *t. c.* p. 619.)

1. **coronata** (*Linn.*). (p. 620.)	W. New Guinea, Salawati, Waigiou, Mysol, Batanta.
2. **sclateri**, *Salvad.* (p. 622.)	C. & S. New Guinea.
3. **albertisi**, *Salvad.* (p. 623.)	S.E. New Guinea.
4. **scheepmakeri**, *Finsch.* (p. 623.)	?S.W. New Guinea.
5. **victoria** (*Fraser*). (p. 624.)	Jobi Isl., Misori Isl., N.W. New Guinea.
6. **beccarii**, *Salvad.* (p. 625.)	N. New Guinea (Humboldt Bay).

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7. **huonensis**, *A. B. Meyer.* (p. 625, note.) — E. New Guinea (Huon Gulf).

8. **cinerea**, *Hartert*, Nov. Zool. ii. p. 67 (1895). — N.W. New Guinea (Arfak Mts.).

II. **Progura**, *De Vis.*
(Proc. Roy. Soc. Queensl. v. p. 127, 1888.)

1. **gallinacea**, *De Vis, l. c.* — Queensland (Pleistocene).

Family V. DIDUNCULIDÆ.

(Salvad. Cat. B. xxi. p. 626, 1893.)

I. **DIDUNCULUS**, *Peale.*
(Salvad. *t. c.* p. 626.)

1. **strigirostris** (*Jard.*). (p. 626.) — Samoa Is.

Sub-Order II. *DIDI.*

Family I. DIDIDÆ.

(Salvad. Cat. B. xxi. p. 628, 1893.)

I. **Pezophaps**, *Strickl.*
(Salvad. *t. c.* p. 629.)

1. **solitarius** (*Gm.*). (p. 629.) — Isl. of Rodriguez (*extinct*).

II. **Didus**, *Linn.*
(Salvad. *t. c.* p. 632.)

1. **ineptus**, *Linn.* (p. 632.) — Isl. of Mauritius (*extinct*).

2. **borbonicus**, *Bp. ex Strickl.* (p. 635.) — Isl. of Réunion (*extinct*).

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Order VI. OPISTHOCOMIFORMES.

(Sharpe, Classif. B. p. 70, 1891.)

Sub-Order *OPISTHOCOMI*.

(Sharpe, *t. c.* p. 70.)

Family I. **OPISTHOCOMIDÆ.**

(Ogilvie Grant, Cat. B. xxii. p. 523, 1893.)

I. **OPISTHOCOMUS**, *Illiger*.
(Ogilvie Grant, *t. c.* p. 523.)

1. **hoazin**, *P. L. S. Müll.* (p. 524.)	Amazonia, Guiana, Colombia, Ecuador, Peru, Bolivia.

Order VII. RALLIFORMES.

Family I. **RALLIDÆ.**

(Sharpe, Cat. B. xxiii. p. 1, 1894.)

Sub-Family I. *RALLINÆ*.

I. **RALLUS**, *Linn.*
(Sharpe, *t. c.* p. 6.)

1. **elegans**, *Audub.* (p. 8.)	N. America (Canada to Texas and Florida). Cuba.
2. **beldingi**, *Ridgw.* (p. 10.)	Lower California.
3. **tenuirostris**, *Ridgw.* (p. 10.)	Valley of Mexico.
4. **longirostris**, *Bodd.* (p. 10.)	Guiana to Peru.
5. **cubanus**, *Chapm.* (p. 329.)	Cuba.
6. **coryi**, *Maquard.* [*caribæus*, pt., Sharpe, *t. c.* p. 13.]	Bahamas.
7. **crassirostris**, *Lawr.* (p. 11.)	Brazil.

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8. **crepitans,** *Gm.* (p. 12.)	Coasts of Eastern N. America.
9. **scotti,** *Sennett*, Auk, v. p. 305 (1888).	W. Florida.
10. **caribæus,** *Ridgw.* (p. 13.)	Greater and Lesser Antilles.
11. **saturatus,** *Ridgw.* (p. 13.)	S. U. States (Coast of Louisiana).
12. **obsoletus,** *Ridgw.* (p. 15.)	W. N. America (California to Washington State).
13. **virginianus,** *Linn.* (p. 16.)	N. America. C. America to Guatemala (*winter*).
14. **æquatorialis,** *Sharpe.* (p. 18.)	Colombia to Peru.
15. **semiplumbeus,** *Scl.* (p. 19.)	Colombia.
16. **antarcticus,** *King.* (p. 19.)	Argentina to Patagonia, C. Chile.
17. **peruvianus,** *Tacz.* (p. 6, note.)	Peru.
18. **aquaticus,** *Linn.* (p. 20.)	Europe, C. Asia. N. Africa (*winter*), N.W. India (*winter*).
19. **indicus,** *Blyth.* (p. 24.)	E. Siberia, Japan. S. China (*winter*), N.E. India (*winter*).
20. **cærulescens,** *Gm.* (p. 25.)	S. Africa to Angola, Zambesi to L. Tangyanika.
21. **madagascariensis,** *Verr.* (p. 26.)	Madagascar.

Incertæ sedis.

The following species of *Rallidæ* have been described under the name of *Rallus* by Prof. Milne-Edwards and Mr. Lydekker. Some of them may hereafter be found to belong to other genera (*cf.* Lydekker, Cat. Fossil B. p. 144; Sharpe, Cat. B. xxiii. p. 227).

22. **dispar,** *Milne-Edw.* (p. 227.)	France (Gers) (Middle Miocene).
23. **beaumonti,** *Milne-Edw.* (p. 227.)	France (Gers) (Middle Miocene).

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24. **major**, *Milne-Edw.* (p. 228.)	France (Gers) (Middle Miocene).
25. **sp.**, *Lydekker.* (p. 228.)	Germany (Lower Miocene).
26. **porzanoides**, *Milne-Edw.* (p. 228.)	France (Allier) (Lower Miocene).
27. **christpi**, *Milne-Edw.* (p. 228.)	France (Allier) (Lower Miocene).
28. **crimius**, *Milne-Edw.* (p. 228.)	France (Allier) (Lower Miocene).
29. **intermedius**, *Milne-Edw.* (p. 228.)	France (Montmartre). (Upper Eocene).
30. **daspypus**, *Milne-Edw.* (p. 228.)	France (St. Antonin) (Upper Eocene).
31. **arenarius**, *Milne-Edw.* (p. 228.)	France (Caylux) (Upper Eocene).

II. LIMNOPARDALIS, *Cab.*

(Sharpe, Cat. B. xxiii. p. 27, 1894.)

1. **maculatus**, *Bodd.* (p. 28.)	Paraguay & Brazil to Guiana, Colombia. Trinidad. Cuba.
2. **rytirhynchus**, *Vieill.* (p. 29.)	S. Brazil, Argentina to Mendoza & C. Peru.
3. **sanguinolentus**, *Swains.* (p. 30.)	C. Chile to Peru.
4. **vigilantis**, *Sharpe.* (p. 31.)	Str. of Magellan.
5. **nigricans**, *Vieill.* (p. 31.)	Brazil to Peru and Colombia.

III. HYPOTÆNIDIA, *Reichenb.*

(Sharpe, *t. c.* p. 32.)

1. **striata**, *L.* (p. 33.)	S. India, Ceylon. Burmese countries to China. Formosa. Malay Peninsula, Indo-Malayan Is., Celebes.
2. **obscurior**, *Hume.* (p. 37.)	Andaman Is.

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3. **owstoni,** *Rothsch.*, Nov. Zool. ii. p. 481 (1895). Marianne Is.
[*marchei*, Oust., Arch. Mus. Paris (3) viii. p. 32 (1896).]

4. **pacifica** (*Gm.*). (p. 37, note.) Tahiti (*extinct*).

5. **brachypus** (*Swains.*). (p. 37.) Australia, Tasmania, Auckland Is.

6. **exsul,** *Hartert*, Nov. Zool. v. p. 50 (1898). Flores.

7. **muelleri** (*Rothsch.*). (p. 330.) Auckland Isl., S. of N. Zealand.

8. **philippinensis** (*Linn.*). (p. 39.) Entire Malayan Archipelago. Australia. New Zealand. Pacific Is.

9. **macquariensis** (*Hutton*). (p. 43.) Macquarie Is.

10. **torquata** (*Linn.*). (p. 43.) Philippine Archipelago.

11. **celebensis** (*Q. & G.*). (p. 45.) Celebes.

12. **jentinki.** *Sharpe.* (p. 330.) Sula Mangoli Isl.
[*sulcirostris*, pt., Hartert, Nov. Zool. v. p. 136 (1898); Meyer & Wiglesw. B. Celebes, p. 699 (1898).]

13. **saturata,** *Salvad.* (p. 45.) N.W. New Guinea, Salawati.

14. **sulcirostris** (*Wall.*). (p. 46.) Sula Is.

15. **insignis** (*Scl.*). (p. 46.) New Britain.

IV. Nesolimnas, *Andrews.*

(Andrews, Nov. Zool. iii. p. 266, pl. x. 1896.)

1. **dieffenbachi** (*Gray*). (p. 47.) Chatham Is. (*extinct*).

V. CABALUS, *Hutton.*

(Sharpe, Cat. B. xxiii. p. 46, 1894.)

1. **modestus** (*Hutton*). (p. 331.) Little Mangare Isl., Chatham Is.

2. **sylvestris** (*Scl.*). (p. 48.) Lord Howe Isl.

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VI. **EULABEORNIS**, *Gould.*
(Sharpe, Cat. B. xxiii. p. 49, 1894.)

1. **castaneiventer**, *Gould.* (p. 49.)	? N. Australia. Aru Is.
2. **pœcilopterus** (*Hartl.*). (p. 50.)	Fiji Is.
3. **woodfordi** (*Ogilvie Grant*). (p. 50.)	Guadalcanar Isl., Solomon Is.

VII. **TRICHOLIMNAS**, *Sharpe.*
(Sharpe, *t. c.* p. 51.)

1. **lafresnayanus** (*Verr. et Des Murs*). (p. 51.)	New Caledonia.

VIII. **GYMNOCREX**, *Salvad.*
(Sharpe, *t. c.* p. 52.)

1. **rosenbergi** (*Schl.*). (p. 52.)	Celebes.
2. **plumbeiventris** (*Gray*). (p. 52.)	Moluccas, New Guinea, Mysol, Aru Is., Solomon Is.

IX. **ARAMIDOPSIS**, *Sharpe.*
(Sharpe, *t. c.* p. 331.)

1. **plateni** (*W. Blasius*). (p. 331.)	Celebes.

X. **ARAMIDES**, *Pucher.*
(Sharpe, *t. c.* p. 53.)

1. **mangle** (*Spix*). (p. 54.)	Brazil.
2. **wolfi**, *Berl. & Tacz.* (p. 55.)	Ecuador.
3. **axillaris**, *Lawr.* (p. 56.)	Colombia, Venezuela, Guiana, Honduras to S. Mexico.
4. **gutturalis**, *Sharpe.* (p. 57.)	Peru.
5. **cayanea** (*P. L. S. Müll.*). (p. 57.)	Colombia, British Guiana, Brazil.

6. **chiricote** (*V.*). (p. 58.)	Brazil, Amazonia, C. Peru to Colombia, Panama.
7. **albiventris**, *Lawr.* (p. 59.)	Mexico to Guatemala, Brit. Honduras.
8. **plumbeicollis**, *Zeledon.* (p. 332.)	C. America (Atlantic slope). Honduras, Costa Rica, Nicaragua.
9. **vpacaha** (*V.*). (p. 60.)	S. Brazil, Argentina.
10. **saracura** (*Spix*). (p. 61.)	Brazil, Peru.
11. **calloptera**, *Scl. & Salv.* (p. 62.)	Ecuador.

XI. **MEGACREX**, *Salvad.*
(Sharpe, Cat. B. xxiii. p. 63, 1894.)

1. **inepta**, *D'Albert. & Salvad.* (p. 63.)	Fly River, S. New Guinea.

XII. **HABROPTILA**, *Gray.*
(Sharpe, *t. c.* p. 63.)

1. **wallacei**, *Gray.* (p. 63.)	Molucca Is. (Halmahéra).

XIII. **OCYDROMUS**, *Wagler.*
(Sharpe, *t. c.* p. 64.)

1. **australis** (*Sparrm.*). (p. 64.)	S. Isl., New Zealand.
2. **earli**, *Gray.* (p. 66.)	N. & S. Is., New Zealand.
3. **brachypterus** (*Lafr.*). (p. 67.)	S. Isl., New Zealand.
4. **insignis**, *H. O. Forbes.* (p. 333.)	Chatham Is. (Pleistocene).

XIV. **Aphanapteryx**, *Frauenf.*
(Sharpe, *t. c.* p. 68.)

1. **broecki** (*Schl.*). (p. 68.)	Mauritius (Pleistocene).

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XV. **Diaphorapteryx**, *H. O. Forbes.*
(Sharpe, Cat. B. xxiii. p. 68, 1894.)

1. **hawkinsi**, *Forbes.* (pp. 68, 333.) — Chatham Is. (Pleistocene).
[Andrews, Nov. Zool. iii. p. 73, pls. iii. & ix.]

XVI. **Erythromachus**, *Milne-Edw.*
(Sharpe, *t. c.* p. 69.)

1. **leguati**, *Milne-Edw.* (p. 69.) — Rodriguez (*extinct*).

XVII. **HIMANTORNIS**, *Schl.*
(Sharpe, *t. c.* p. 69.)

[*Psammocrex*, Oust. (p. 186). *Cf.* Cat. p. 339.]

1. **hæmatopus**, *Hartl.* (pp. 69, 339.) — West Africa (Liberia to Lower Congo).

XVIII. **DRYOLIMNAS**, *Sharpe.*
(Sharpe, *t. c.* p. 70.)

1. **cuvieri** (*Pucher.*). (p. 70.) — Madagascar, Mauritius.

2. **aldabranus** (*Günth.*). (p. 71.) — Aldabra Is.

XIX. **CANIRALLUS**, *Bp.*
(Sharpe, *t. c.* p. 72.)

1. **oculeus** (*Hartl.*). (p. 72.) — West Africa (Liberia to Gold Coast).

2. **kioloides** (*Pucher.*). (p. 73.) — Madagascar.

XX. **RALLINA**, *Reichenb.*
(Sharpe, *t. c.* p. 74.)

1. **fasciata** (*Raffl.*). (p. 75.) — Burmese Provinces, Malay Peninsula, Indo-Malayan Is., Halmahéra, Pelew Is.

2. **superciliaris** (*Eyton*). (p. 76.) — Indian Peninsula, Ceylon, Burmese Provinces, Malay Peninsula.

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3. **euryzonoides** (*Lafr.*). (p. 78.)	Philippine Archipelago.
4. **formosana**, *Seebohm*, Bull. Brit. Orn. Club, iv. p. vii (1894).	Formosa.
5. **sepiaria** (*Stejn.*). (p. 78, note.)	Liu Kiu Is.
6. **minahasa** (*Wall.*). (p. 78.)	Celebes, Sula Is.
7. **tricolor** (*Gray*). (p. 79.)	Aru Is., Waigiou, Mysol, New Guinea, Duke of York Is., N.E. Australia.

XXI. CASTANOLIMNAS, *Sharpe.*

(Sharpe, Cat. B. xxiii. p. 80, 1894.)

1. **canningi** (*Blyth*). (p. 80.)	Andaman Is.

XXII. CRECOPSIS, *Sharpe.*

(Sharpe, *t. c.* p. 81.)

1. **egregia** (*Peters*). (p. 81.)	Tropical Africa.

XXIII. STICTOLIMNAS, *Büttik.*

(Sharpe, *t. c.* p. 333.)

1. **sharpei**, *Büttik.*, Notes Leyden Mus. xv. p. 274 (1893).	S. America (loc. ign.).

XXIV. CREX, *Bechst.*

(Sharpe, *t. c.* p. 82.)

1. **crex** (*Linn.*). (p. 82.)	Europe to Yenesei Valley. C. Asia. Africa (*winter*). N. S. Wales (*occ.*). E. N. America (*occ.*).

XXV. Crecoides, *Shufeldt.*

(Shufeldt, Journ. Acad. Philad. xi. p. 412, 1892.)

1. **osborni**, *Shufeldt*, Proc. Amer. Philos. Soc. xxx. p. 125 (1892).	Texas (Pliocene).

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XXVI. ŒNOLIMNAS, *Sharpe.*

(Sharpe, Cat. B. xxiii. p. 86, 1894.)

1. **isabellina** (*Bp.*). (pp. 86, 335.)	Celebes.

XXVII. AMAUROLIMNAS, *Sharpe.*

(Sharpe, *t. c.* p. 87.)

1. **concolor** (*Gosse*). (p. 87.)	Jamaica. Guatemala to Guiana, Brazil, W. Peru.

XXVIII. ANUROLIMNAS, *Sharpe.*

(Sharpe, *t. c.* p. 88.)

1. **castaneiceps** (*Scl. & Salv.*). (p. 88.)	Ecuador.
2. **hauxwelli** (*Scl. & Salv.*). (p. 88.)	Upper Amazonia.

XXIX. ZAPORNIA, *Leach.*

(Sharpe, *t. c.* p. 89.)

1. **parva** (*Scop.*). (p. 89.)	C. & S. Europe. C. Asia. N.W. Africa & N.E. Africa (*winter*).

XXX. PORZANA, *V.*

(Sharpe, *t. c.* p. 92.)

1. **porzana** (*Linn.*). (p. 93.)	Europe. C. Asia. Indian Peninsula (*winter*). Africa (*winter*).
2. **carolina** (*Linn.*). (p. 97.)	N. America. West India Is., Central America, Colombia, Ecuador (*winter*).
3. **fluminea**, *Gould.* (p. 101.)	Australia.
4. **albicollis** (*V.*). (p. 102.)	Brazil, Guiana, Venezuela.

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5. **pusilla**, *Pall.* (*Cf.* Reichen. J. f. O. 1898, p. 139.) [*intermedia* (Herm.). (p. 103).]	C. Europe, E. to Lake Baikal. Africa and Madagascar (*winter*).
6. **obscura**, *Oscar Neumann*, Orn. MB. v. p. 191 (1897).	Masai-land, E. Africa.
7. **affinis** (*Gray*). (pp. 106, 335.)	New Zealand, Chatham Is.
8. **auricularis**, *Reichen.*, J. f. O. 1898, p. 139. [*pusilla*, Sharpe, Cat. p. 106, *nec* Pall.]	E. Siberia. Japan, China (*winter*). Philippine Is. (*winter*). Indian Peninsula (*winter*).
9. **palustris**, *Gould.* (p. 109.)	Australia.
10. **spiloptera**, *Durnf.* (p. 109.)	Argentina.
11. **flaviventris** (*Bodd.*). (p. 110.)	Cuba, Jamaica, Guiana, Brazil.
12. **tabuensis** (*Gm.*). (p. 111, pt.) [*Cf.* Finsch, MT. orn. Ver. Wien, xvii. p. 4.]	Tongatabu Is. (? *extinct*).
13. **plumbea**, *Gray*. [*tabuensis*, pt. (pp. 111, 335.)]	Philippine Is., Samoa Is., Fiji Is., New Hebrides, New Caledonia, Australia, New Zealand, Chatham Is.
14. **tahitiensis** (*Gm.*). (p. 111, note.)	Tahiti.
15. **galapagoensis**, *Sharpe*. (p. 113.)	Galapagos Is.
16. **bicolor**, *Walden*. (p. 113.)	E. Himalayas to Manipur.

XXXI. PENNULA, *Dole*.

(Sharpe, Cat. B. xxiii. p. 114, 1894.)

1. **ecaudata** (*J. King*). (pp. 114, 335.)	Hawaii, Sandwich Is.
2. **sandwichensis** (*Gm.*). (p. 336.) [*wilsoni*, Finsch, Notes Leyden Mus. xx. p. 79 (1898).]	Sandwich Is.

XXXII. APHANOLIMNAS, *Sharpe*.

(Sharpe, *t. c.* p. 115.)

1. **monasa** (*Kittl.*). (pp. 115, 336.)	Kushai Isl.

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XXXIII. SAROTHRURA, *Heine.*

(*Corethrura*, Reichenb., Sharpe, Cat. B. xxiii. p. 115, 1894.) *

1. **pulchra** (*J. E. Gray*). (pp. 116, 336.)	(Senegambia to the Congo.) Equatorial Africa.
2. **insularis**, *Sharpe.* (p. 118.)	Madagascar.
3. **lineata** (*Swains.*). (p. 118.)	S. Africa (Knysna to Natal).
4. **watersi** (*Bartlett*). (p. 119.)	Madagascar.
5. **elegans** (*Smith*). (p. 120.)	S. Africa (Knysna to Natal).
6. **reichenovi**, *Sharpe.* (p. 121.)	W. Africa (Cameroons).
7. **rufa** (*V.*). (p. 121.)	S. & S.W. Africa (Cape Colony to Transvaal, Damara-land to Benguela).
8. **lugens** (*Boehm*). (p. 123.)	Lake Tanganyika.
9. **bonapartei**, *Bp.* (p. 123.)	W. Africa (Gaboon).

XXXIV. RALLICULA, *Schl.*

(Sharpe, *t. c.* p. 123.)

1. **rubra**, *Schl.* (pp. 123, 336.)	N.W. New Guinea (Arfak Mts.).
2. **leucospila** (*Salvad.*). (p. 124.)	N.W. New Guinea (Arfak Mts.).
3. **forbesi**, *Sharpe.* (p. 124.)	S.E. New Guinea.

* Dr. Reichenow (Orn. MB. iv. p. 4, 1896) suggests the restitution of *Sarothrura* of Heine (Nomencl. Mus. Hein. p. 319) in place of *Corethrura*, Reichenbach, as the first mention of the latter genus occurs in Gray's 'Genera of Birds' in 1846. In 1852 Reichenbach figured, as the type of his genus *Corethrura*, *C. jardinei* (= *C. lineata*); but as Gray in 1846 had previously given a full description of "*Corethrura*, Reichenbach," and figured the head of *C. rubiginosa* [pl. 161. fig. 7 = *Limnobænus fuscus* (Linn.)] as the typical species, Dr. Reichenow's suggestion will have to be adopted.

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XXXV. **THYRORHINA**, *Scl. & Salv.*
(Sharpe, Cat. B. xxiii. p. 125, 1894.)

1. **schomburgki** (*Cab.*). (p. 125.)	British Guiana, Venezuela, Brazil.

XXXVI. **ORTYGOPS**, *Heine.*
(Sharpe, *t. c.* p. 127.)

— 1. **noveboracensis** (*Gm.*). (p. 126.)	N. America. Cuba. Bermudas.
— 2. **exquisita** (*Swinh.*). (p. 128.)	E. Siberia & Japan to N.E. China.
3. **notata** (*Gould*). (p. 128.)	Uruguay to Patagonia.
4. **ayresi** (*Gurney*). (p. 129.)	S.E. Africa.

XXXVII. **POLIOLIMNAS**, *Sharpe.*
(Sharpe, *t. c.* p. 130.)

— 1. **cinereus** (*V.*). (pp. 130, 337.)	Malayan Peninsula, Greater and Lesser Sunda Is., Buru, Australia, Oceania.

XXXVIII. **PORZANULA**, *Frohawk.*
(Sharpe, *t. c.* p. 133.)

— 1. **palmeri**, *Frohawk.* (pp. 133, 337.)	Laysan Isl., Pacific.

XXXIX. **CRECISCUS**, *Cab.*
(Sharpe, *t. c.* p. 134.)

— 1. **jamaicensis** (*Gm.*). (p. 135.)	N. America. Central America (*winter*). Greater Antilles (*winter*).
— 2. **salinazi** (*Philippi*). (p. 136.)	W. S. America (Chile, Peru).

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3. **coturniculus** (*Ridgw.*). (p. 137, note.)	Farallone Is., California.
4. **spilonotus** (*Gould*). (p. 137.)	Galapagos Is.
5. **exilis** (*Bp.*). (p. 138.)	Amazonia to Guiana. Trinidad.
6. **vagans** (*Ridgw.*). (p. 139.)	Honduras (Segovia River).
7. **melanophæus** (*Gray*). (pp. 139, 337.)	Brazil.
8. **œnops** (*Scl. & Salv.*). (p. 140.)	Ecuador.
9. **albigularis** (*Lawr.*). (p. 140.)	Costa Rica and Nicaragua to Colombia.
10. **cinereiceps** (*Lawr.*). (p. 141, note, & p. 337.) [*leucogaster* (Ridgw.). (p. 140, note.)]	E. Costa Rica. N.E. Nicaragua.
11. **alfari** (*Ridgw.*). (p. 141, note.)	Costa Rica.
12. **leucopyrrhus** (*V.*). (p. 142.)	S. Brazil, Argentina, & Paraguay.
13. **levraudi** (*Scl. & Salv.*). (p. 142.)	Venezuela.
14. **ruber** (*Scl. & Salv.*). (p. 143.)	C. America (Yucatan to Guatemala).
15. **cayennensis** (*Bodd.*). (p. 143.)	Brazil, Amazonia, Guiana, Colombia.
16. **facialis** (*Tschudi*). (p. 145.)	Peru.

XL. LIMNOBÆNUS, *Sundev.*

(Sharpe, Cat. B. xxiii. p. 145, 1894.)

1. **fuscus** (*Linn.*). (p. 146.)	Indian Peninsula, Ceylon. Burmese countries to China and Japan. Malay Peninsula. Java, Philippine Is., Christmas Isl., Borneo.
2. **phæopygus** (*Stejn.*). (p. 148.)	Liu Kiu Is.
3. **paykulli** (*Ljungh.*). (p. 149.)	E. Siberia, China. Malay Peninsula, Java, Borneo, Philippine Is.
4. **marginalis** (*Hartl.*). (pp. 92, 335.)	S. Algeria. Tropical Africa.

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XLI. LIMNOCORAX, *Peters.*

(Sharpe, Cat. B. xxiii. p. 150, 1894.)

1. **niger** (*Gm.*). (p. 150.)	Tropical Africa. Madeira.

XLII. AMAURORNIS, *Reichenb.*

(Sharpe, *t. c.* p. 152.)

1. **olivacea** (*Meyen*). (p. 153.)	Philippine Archipelago.
2. **moluccana** (*Wall.*). (p. 153.)	Molucca Is., New Guinea, Bismarck Archipelago, N.E. Australia.
3. **akool** (*Sykes*). (p. 155.)	Indian Peninsula to Assam Hills.
4. **phœnicura** (*Forster*). (p. 156.)	Indian Peninsula, Ceylon. Indo-Burmese Provinces. China. Malay Peninsula. Greater & Lesser Sunda Is. Celebes.
5. **insularis**, *Sharpe.* (p. 162.)	Andaman Is., Nicobars.

XLIII. ROUGETIUS, *Bp.*

(Sharpe, *t. c.* p. 162.)

1. **rougeti** (*Guér.*). (p. 162.)	Abyssinia, Shoa.

XLIV. NEOCREX, *Scl. & Salv.*

(Sharpe, *t. c.* p. 163.)

1. **erythrops** (*Scl.*). (pp. 163, 338.)	Argentina. Brazil to Venezuela & Peru.
2. **colombianus**, *Bangs*, Proc. Biol. Soc. Washington, xii. p. 171 (1898.)	Colombia.

XLV. TRIBONYX, *Du Bus.*

(Sharpe, *t. c.* p. 164.)

1. **mortieri**, *Du Bus.* (p. 164.)	S. Australia. Tasmania.
2. **roberti**, *Andrews*, Ibis, 1897, p. 356, pl. ix. (1897).	C. Madagascar.

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XLVI. **MICROTRIBONYX**, *Sharpe.*
(Sharpe, Cat. B. xxiii. p. 164, 1894.)

— 1. **ventralis** (*Gould*). (p. 165.)	W., S., & N. Australia.
2. **effluxus** (*De Vis*). (p. 164, note.)	Queensland.

XLVII. **PAREUDIASTES**, *Hartl. & Finsch.*
(Sharpe, *t. c.* p. 166.)

1. **pacificus**, *H. & F.* (p. 166.)	Samoa Is.

XLVIII. **PORPHYRIORNIS**, *Allen.*
(Sharpe, *t. c.* p. 166.)

1. **nesiotis** (*Scl.*). (p. 166.)	Tristan da Cunha Is.
2. **comeri**, *Allen.* (p. 167.)	Gough Isl.

XLIX. **GALLINULA**, *Briss.*
(Sharpe, *t. c.* p. 167.)

— 1. **tenebrosa**, *Gould.* (p. 168.)	E. & S. Australia, S. New Guinea.
— 2. **frontata**, *Wall.* (p. 168.)	Australia, New Guinea, Molucca Is., Celebes, S.E. Borneo.
3. **lepida**, *Brügg.* (p. 167, note.)	Patr. ign.
4. **strenuipes**, *De Vis.* (p. 167, note.)	Queensland (Pleistocene).
5. **peralata**, *De Vis.* (p. 167, note.)	Queensland (Pleistocene)
— 6. **chloropus** (*Linn.*). (p. 169.)	Europe. Asia. Africa. Madagascar, Mauritius.
— 7. **galeata**, *Bp.* (p. 177.)	N. & S. America. Greater & Lesser Antilles.
— 8. **garmani**, *Allen.* [*Cf.* Hartert, Nov. Zool. v. pp. 63, 64 (1898).]	Lake Titicaca, Peru.
— 9. **sandwichensis**, *Streets.* (p. 180.)	Hawaiian Archipelago.
—10. **angulata**, *Sundev.* (p. 181.)	Tropical Africa.

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L. **PORPHYRIOPS**, *Pucher.*
(Sharpe, Cat. B. xxiii. p. 182, 1894.)

1. **melanops** (*V.*). (pp. 182, 338.) — Argentina. Brazil to Colombia, Peru, & Chile.

LI. **GALLICREX**, *Blyth.*
(Sharpe, *t. c.* p. 183.)

1. **cinerea** (*Lath.*). (p. 183.) — Indian Peninsula. Ceylon. Burmese Provinces to China & Japan. Malay Peninsula. Greater Sunda Is.

LII. **PORPHYRIOLA**, *Sundev.*
(Sharpe, *t. c.* p. 187.)

1. **alleni** (*Thoms.*). (p. 187.) — Tropical Africa. Madagascar, Rodriguez. S. Europe (*occ.*). Canary Is.

2. **martinica** (*Linn.*). (pp. 189, 339.) — Texas, Florida. C. America to Colombia, Brazil, Amazonia, Guiana. W. India Is.

3. **parva** (*Bodd.*). (pp. 191, 339.) — Guiana, Amazonia. Int. of Brazil.

LIII. **PORPHYRIO**, *Briss.*
(Sharpe, *t. c.* p. 192.)

1. **cæruleus** (*Vandelli*). (p. 194.) — Mediterranean countries.

2. **porphyrio** (*Linn.*). (p. 195.) — Tropical Africa, N. to Egypt. Madagascar.

3. **poliocephalus** (*Lath.*). (p. 197.) — Caucasus, Afghanistan, Indian Peninsula, Ceylon, Burmese Provinces.

4. **bemmeleni**, *Büttik.* (p. 200.) — Sumatra.

5. **calvus**, *V.* (p. 200.) — Greater Sunda Is., Celebes.

6. **palliatus**, *Brügg.* (p. 192, note.) — Patr. ign.

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7. **edwardsi**, *Elliot.* (p. 201.)	Cochin China, Siam, Malay Peninsula.
8. **ellioti**, *Salvad.* (p. 202.)	Admiralty Is.
9. **neobrittanicus**, *A. B. Meyer.* (p. 202, pt.)	New Britain.
10. **bellus**, *Gould.* (p. 202.)	W. Australia.
11. **chathamensis**, *Sharpe.* (p. 202,)	Chatham Is.
12. **smaragdinus**, *Temm.* (p. 203.)	Celebes, Lesser Sunda Is. New Guinea. Bismarck Archipelago. Oceania.
13. **samoensis**, *Peale.* (p. 204.)	Samoa Is.
14. **melanonotus**, *Temm.* (p. 205.)	Australia, Tasmania, New Zealand, Norfolk Isl., Lord Howe Isl., New Guinea.
15. **pelewensis**, *Hartl. & Finsch.* (p. 206.)	Pelew Is.
16. **mackintoshi**, *De Vis.* (p. 193, note.)	Queensland (Pleistocene).
17. **pulverulentus**, *Temm.* (p. 207.)	Philippine Archipelago.

LIV. **NOTORNIS**, *Owen.*

[*Apterornis*, Selys Longch. (p. 193, note.)]

(Sharpe, Cat. B. xxiii. p. 207, 1894.)

1. **mantelli**, *Owen.* (p. 208.)	New Zealand.
2. **hochstetteri**, *A. B. Meyer.* (p. 208, note.)	New Zealand, South Isl.
3. **parkeri**, *Forbes*, Tr. N. Z. Inst. xxiv. p. 187 (1892).	New Zealand.
4. **caerulescens** (*Selys-Longch.*). (p. 193, note.)	Réunion Isl.
5. **albus** (*White*). (p. 208.)	Norfolk Isl., Lord Howe Isl. (*extinct*).

Sub-Family II. *FULICINÆ.*

LV. **FULICA**, *Linn.*

(Sharpe, *t. c.* p. 209.)

1. **atra**, *Linn.* (p. 210.)	Europe, Mediterranean countries, N. & C. Asia, Indian Peninsula, China, Philippines, Java, Sumatra, Celebes.

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2. **cristata,** *Gm.* (p. 215.)	Tropical Africa. Madagascar. N. Africa. S.W. Europe.
3. **australis,** *Gould.* (p. 217.)	Australia, Tasmania.
4. ? **novæ-zealandiæ,** *Colenso.* (p. 209, note.)	New Zealand.
5. **cornuta,** *Bp.* (p. 217.)	Bolivia (Potosi).
6. **ardesiaca,** *Tsch.* (p. 217.)	Ecuador, Peru, Bolivia, N. Chile.
7. **armillata,** *V.* (p. 218.)	Patagonia and Chile to Bolivia, Argentina, & S. Brazil.
8. **gigantea,** *Eyd. & Souleyet.* (p. 219.)	Peru, Bolivia, N. Chile.
9. **rufifrons,** *Philippi & Landb.* [? *leucopyga*, Gray, nec Wagl. (p. 220.)]	Falkland Is., Patagonia, Chile, S. Brazil, Argentina.
10. **americana,** *Gm.* (p. 221.)	N. & C. America. Antilles.
11. **caribæa,** *Ridgw.* (p. 224.)	Lesser Antilles.
12. **leucoptera,** *V.* (p. 224.)	Patagonia, Chile to S. Brazil, Peru, Bolivia.
13. **alai,** *Peale.* (p. 225.)	Hawaiian Archipelago.
14. **newtoni,** *Milne-Edw.* (p. 209, note.)	Mauritius (Pleistocene).
15. **minor,** *Shufeldt.* (p. 209, note.)	Oregon (Pliocene).
16. **desjardinsi,** *Van Bened.* (p. 209, note.)	Belgium (Pliocene).
17. **pisana,** *Portis,* Orn. Vald. p. 13 (1891).	Italy (Pleistocene).
18. **prior,** *De Vis.* (p. 209, note.)	Queensland (Pleistocene).

LVI. **Palaeolimnas,** *Forbes.*
[Forbes, Ibis, 1893, p. 544; Andrews, Nov. Zool. iii. p. 261, pls. ix., x. (1896).]

1. **chathamensis.** *Forbes, l. c.*	Chatham Is. (Pleistocene).

LVII. **Leguatia,** *Schl.*
(Sharpe, Cat. B. xxiii. p. 225, 1894.)

1. **gigantea** (*Schl.*). (p. 225.)	Mauritius (*extinct*).

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Family II. HELIORNITHIDÆ.

(Sharpe, Cat. B. xxiii. p. 229, 1894.)

I. PODICA, *Less.*

(Sharpe, *t. c.* p. 229.)

1. **senegalensis** (*V.*). (p. 230.)	West Africa (Senegambia to the Congo).
2. **camerunensis**, *Sjöstedt*, Sv. Akad. xxvii. no. 1, p. 29, Taf. i. (1895).	Cameroons.
3. **petersi**, *Hartl.* (p. 231.)	S.E. Africa. E. Africa. Damara-land. ? Lower Congo.

II. HELIOPAIS, *Sharpe.*

(Sharpe, *t. c.* p. 232.)

1. **personata** (*Gray*). (p. 232.)	Cambodia, Burma, Malay Peninsula, Sumatra.

III. HELIORNIS, *Bonn.*

(Sharpe, *t. c.* p. 233.)

1. **fulica** (*Bodd.*). (p. 233.)	S. Brazil, Amazonia, Guiana, Venezuela, Colombia, N. to Brit. Honduras.

INCERTÆ SEDIS.

I. Gypsornis, *Milne-Edw.*

(Sharpe, Cat. B. xxiii. p. 226, 1894.)

1. **rubieri**, *Milne-Edw.* (p. 226.)	France (Upper Eocene).

II. Telmatornis, *Marsh.*

(Sharpe, *t. c.* p. 226.)

1. **priscus**, *Marsh.* (p. 226.)	New Jersey (Cretaceous).
2. **affinis**, *Marsh.* (p. 226.)	New Jersey (Cretaceous).

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III. **Orthocnemus**, *Milne-Edw.*
(Sharpe, Cat. B. xxiii. p. 226, 1894.)

1. **gallicus**, *Milne-Edw.* (p. 226.)	S. France (Upper Eocene).
2. **cursor**, *Milne-Edw.* (p. 226.)	S. France (Upper Eocene).
3. **major**, *Milne-Edw.* (p. 226.)	S. France (Upper Eocene).
4. **minor**, *Milne-Edw.* (p. 227.)	S. France (Upper Eocene).

IV. **Elaphrocnemus**, *Milne-Edw.*
(Sharpe, *t. c.* p. 227.)

1. **phasianus**, *Milne-Edw.* (p. 227.)	S. France (Upper Eocene).
2. **gracilis**, *Milne-Edw.* (p. 227.)	S. France (Upper Eocene).
3. **crex**, *Milne-Edw.* (p. 227.)	S. France (Upper Eocene).

V. **Tapinopus**, *Milne-Edw.*
(Sharpe, *t. c.* p. 227.)

1. **elliotí**, *Milne-Edw.* (p. 227.)	S. France (Upper Eocene).

VI. **Euryonotus**, *Mercerat.*
(Mercerat, An. Soc. Argent. xliii. p. 238, 1897.)

1. **brachypterus**, *Mercerat*, *t. c.* p. 238.	Patagonia (Miocene).
2. **argentinus**, *Mercerat*, *t. c.* p. 239.	Patagonia (Miocene).

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Order VIII. PODICIPEDIDIFORMES.

(Sharpe, Classif. B. p. 71, 1891.)

Family I. PODICIPEDIDÆ.

(Ogilvie Grant, Cat. B. xxvi. p. 502, 1898.)

1. PODICIPES, *Lath.*

(Ogilvie Grant, *t. c.* p. 502.)

1. **fluviatilis** (*Tunst.*). (p. 507.)	C. & S. Europe. C. Asia to Japan.
2. **philippinensis** (*Bonn.*). (p. 511.)	S. China, Formosa, Hainan, Burmese Provinces, Philippine Archipelago, Borneo.
3. **capensis** (*Salvad.*). (p. 513.) [*albipennis*, Sharpe, Bull. B. O. C. 1894, iv. p. iv, *teste* Grant, *l. c.*]	Tropical Africa, Madagascar. Persia, Afghanistan, Indian Peninsula, Burmese Provinces.
4. **tricolor**, *Gray*. (p. 517.)	Borneo Lesser Sunda Is., Celebes, Molucca Is., New Guinea, Aru Is.
5. **albescens**, *Blanf.* (p. 518.)	Native Sikhim.
6. **pelzelni**, *Hartl.* (p. 518.)	Madagascar.
7. **novæ-hollandiæ**, *Steph.* (p. 519.)	Java, New Guinea, Australia, New Caledonia.
8. **dominicus** (*Linn.*). (p. 520.)	S. Texas, Central America, Greater Antilles, S. America to Patagonia.
9. **poliocephalus**, *J. & S.* (p. 522.)	Australia, Tasmania.

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10. **rufipectus** (*Gray*). (p. 523.)	New Zealand.
11. **americanus**, *Garnot*. (p. 524.)	Argentina, Paraguay to the Straits of Magellan, Chile, Peru.
12. **rollandi**, *Gould*. (p. 526.)	Falkland Is.
13. **calipareus** (*Less.*). (p. 536.)	Argentina to Peru, Chile, S. to Straits of Magellan, Falkland Is.
14. **juninensis**, *Berl. & Stolzm.* (p. 538.)	Peru.
15. **taczanowskii**, *Berl. & Stolzm.* (p. 538.)	C. Peru.

II. DYTES, *Kaup.*

(*Podicipes*, pt., Ogilvie Grant, Cat. B. xxvi. p. 502, 1898.)

1. **auritus** (*Linn.*). (p. 527.)	Arctic Regions. Europe, Japan, China, Northern U. States (*winter*).

III. PROCTOPUS, *Kaup.*

(*Podicipes*, pt., Ogilvie Grant, *t. c.* p. 502.)

1. **nigricollis** (*Brehm*). (p. 533.)	C. & S. Europe. C. Asia to China and Japan. Africa (*winter*).
2. **californicus** (*Heerm.*). (p. 535.)	Western N. America. Guatemala (*winter*).

IV. CENTROPELMA, *Scl. & Salv.*

(*Podicipes*, pt., Ogilvie Grant, *t. c.* p. 502.)

1. **micropterum** (*Gould*). (p. 538.)	Lake Titicaca, S. Peru.

V. LOPHÆTHYIA, *Kaup.*

(*Podicipes*, pt., Ogilvie Grant, *t. c.* p. 502.)

1. **cristata** (*Linn.*). (p. 544.)	Europe to N. Asia and Japan. Indian Peninsula. Africa. Australia, Tasmania, New Zealand.

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2. **griseigena** (*Bodd.*). (p. 539.)	Europe. Mediterranean countries to C. Asia.
3. **holboelli** (*Reinh.*). (p. 542.)	N. America, Greenland, E. Siberia. United States, Japan (*winter*).

VI. **ÆCHMOPHORUS**, *Coues.*
(Ogilvie Grant, Cat. B. xxvi. p. 549, 1898.)

1. **major** *Bodd.*). (p. 549.)	C. & S. America.
2. **occidentalis** (*Lawr.*). (p. 550.)	Western N. America, Canada to Mexico.

VII. **PODILYMBUS**, *Less.*
(Ogilvie Grant, *t. c.* p. 553.)

1. **podicipes** (*Linn.*). (p. 553.)	N. & S. America.

Order IX. COLYMBIFORMES.

(Sharpe, Classif. B. p. 71, 1891.)

Family I. **COLYMBIDÆ.**

(Ogilvie Grant, Cat. B. xxvi. p. 485, 1898.)

I. **COLYMBUS**, *Linn.* (p. 486.)

1. **septentrionalis**, *Linn.* (p. 487.)	Arctic Regions. Mediterranean, Black and Caspian Seas, China, California, Florida (*winter*).
2. **arcticus**, *Linn.* (p. 492.)	N. Europe. N. Asia. Mediterranean countries, Black and Caspian Seas (*winter*).
3. **pacificus**, *Lawr.* (p. 494.)	N. America. Japan. California (*winter*).

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4. **glacialis**, *Linn.* (p. 496.)	Arctic N. America & N.E. Asia. N.W. Europe, Iceland. California, Mediterranean countries (*winter*).
5. **adamsi**, *Gray.* (p. 500.)	Arctic N. America & N. Asia to Novaya Zemlya. Lapland. Japan, N.W Europe (*winter*).

II. **Colymboides**, *Milne-Edw.*
(Lydekker, Cat. Foss. B. p. 192, 1891.)

1. **minutus**, *Milne-Edw.* (L., p. 192.)	France (Lower Miocene).
2. **anglicus**, *Lydekker.* (L., p. 192.)	England (Upper Pliocene).

Order X. HESPERORNITHIFORMES.

(*Odontolcæ*, Lydekker, Cat. Foss. B. p. 202, 1891.)

Family I. HESPERORNITHIDÆ.

(Lydekker, *t. c.* p. 204.)

I. **Hesperornis**, *Marsh.*
(Lydekker, *t. c.* p. 205.)

1. **regalis**, *Marsh.* (L., p. 205.)	N. America: W. Kansas (Cretaceous).
2. **crassipes**, *Marsh.* (L., p. 209.)	N. America: W. Kansas (Cretaceous).
3. **gracilis**, *Marsh*, Amer. Journ. Sci. xi. p. 510 (1876).	N. America: W. Kansas (Cretaceous).

II. **Coniornis**, *Marsh.*
(Marsh, Amer. Journ. Sci. (3) xlv. p. 81, 1893.)

1. **altus**, *Marsh, l. c.*	Montana (Cretaceous).

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Family II. ENALIORNITHIDÆ.

I. Enaliornis, *Seeley*.
(Lydekker, Cat. Foss. B. p. 202, 1891.)

1. **barretti**, *Seeley*. (L., p. 202.) — England (Cretaceous).

II. Baptornis, *Marsh*.
(Marsh, Amer. Journ. Sci. xiv. p. 86, 1877.)

1. **advenus**, *Marsh*, *l. c.* — N. America : W. Kansas (Cretaceous).

INCERTÆ SEDIS.

Eupterornis, *Lemoine*.
(Lydekker, Cat. Foss. B. p. 200, 1891.)

1. **remensis**, *Lemoine*. (L., p. 200.) — France (Lower Eocene).

Order XI. SPHENISCIFORMES.

(Sharpe, Classif. B. p. 71, 1891.)

Family I. SPHENISCIDÆ.

(Ogilvie Grant, Cat. B. xxvi. p. 623, 1898.)

I. APTENODYTES, *Forster*.
(Ogilvie Grant, *t. c.* p. 626.)

1. **forsteri**, *Gray*. (p. 626.) — Antarctic Seas.

2. **patagonica** (*Forst.*). (p. 627.) — Str. of Magellan, Falkland Is., Kerguelen Isl., New Zealand Seas (Macquarie Is., etc.)

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II. PYGOSCELIS, *Wagler.*

(Ogilvie Grant, Cat. B. xxvi. p. 630, 1898.)

1. **papua** (*Forster*). (p. 631.)	Falkland Is., Kerguelen Is., New Zealand Seas (Macquarie Is., etc.).
2. **adeliæ** (*Hombr. & Jacq.*). (p. 632.)	Antarctic Continent.
3. **antarctica** (*Forster*). (p. 634.)	Falkland Is., S. Georgia, etc.

III. CATARRHACTES, *Briss.*

(Ogilvie Grant, *t. c.* p. 635.)

1. **chrysocome** (*Forster*). (p. 635.)	Falkland Is. Kerguelen Isl., Cape Seas, Australia, New Zealand.
2. **pachyrhynchus** (*Gray*). (p. 638.)	New Zealand, Chatham Is.
3. **sclateri** (*Buller*). (p. 640.)	New Zealand Seas, (Campbell Isl., Antipodes Isl., etc.
4. **chrysolophus** (*Brandt*). (p. 641.)	Falkland Is. Kerguelen Isl., Heard Is., etc.
5. **schlegeli** (*Finsch*). (p. 643.)	New Zealand, Macquarie Is.

IV. MEGADYPTES, *Milne-Edw.*

(Ogilvie Grant, *t. c.* p. 644.)

1. **antipodum** (*Hombr. & Jacq.*). (p. 644.)	New Zealand, Chatham Is. Auckland Is., etc.

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V. EUDYPTULA, *Bp.*

(Ogilvie Grant, Cat. xxvi. p. 645, 1898.)

1. **minor** (*Forster*). (p. 646.)	S. Australia, Tasmania, New Zealand, Chatham Is.
2. **albosignata**, *Finsch*. (p. 648.)	New Zealand.

VI. SPHENISCUS, *Briss.*

(Ogilvie Grant, *t. c.* p. 648.)

1. **demersus** (*Linn.*). (p. 649.)	S. & S.W. Africa.
2. **humboldti**, *Meyen*. (p. 650.)	Coasts of Peru & Chile.
3. **magellanicus** (*Forster*). (p. 651.)	Coasts of S. America to Chile & S. Brazil. Falkland Is.
4. **mendiculus**, *Sundev.* (p. 653.)	Galapagos Is.

VII. Palæosphenisscus, *Mor. & Merc.*

(Amegh., Bol. Inst. Geogr. Argent. xv. p. 88, 1895.)

1. **robustus**, *Amegh. t. c.* p. 91.	Patagonia (Miocene).
2. **patagonicus**, *Mor. & Merc.* (Amegh. *t. c.* p. 89.)	Patagonia (Miocene).
3. **menzbieri**, *Mor. & Merc.* (Amegh. *t. c.* p. 89.)	Patagonia (Miocene).
4. **bergi**, *Mor. & Merc.* (Amegh. *t. c.* p. 89.)	Patagonia (Miocene).

VIII. Paraptenodyptes, *Amegh.*

(Amegh. *t. c.* p. 91.)

1. **antarcticus** (*Mor. & Merc.*).	Patagonia (Miocene).

IX. Paleudyptes, *Hector.*

(Hector, Tr. N. Zeal. Inst. iv. p. 341, 1872.)

1. **antarcticus**, *Hector, l. c.*	New Zealand (Tertiary).

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Family II. CLADORNITHIDÆ.

(Amegh., Bol. Inst. Geogr. Argent. xv. p. 85, 1895.)

I. Cladornis, *Amegh.*
(Amegh. *t. c.* p. 86.)

1. **pachypus**, *Amegh.* (p. 86.) — Patagonia (Miocene).

Order XII. PROCELLARIIFORMES.

(Sharpe, Classif. B. p. 71, 1891.)

Family I. PROCELLARIIDÆ.

(Salvin, Cat. B. xxv. p. 342, 1896.)

Sub-Family I. *PROCELLARIINÆ.*

(Salvin, *t. c.* p. 343.)

I. PROCELLARIA, *Linn.**
(Salvin, *t. c.* p. 343.)

—1. **pelagica** *Linn.* (p. 343.) — N. Atlantic Ocean to W. Africa. W. Mediterranean.

— 2. **tethys**, *Bp.* (p. 346.) — Coasts of W. S. America. Galapagos Archipelago.

3. **aquitanica**, *Milne-Edw.*, Bibl. Haut-Études, xi. art. v. (1874). — France (Miocene).

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* Doubtful species are :—
Procellaria nigra, *P. lugubris*, *P. maculata*, Tschudi. *Cf.* Salvin, Cat. p. 455.

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II. HALOCYPTENA, *Coues.*

(Salvin, Cat. B. xxv. p. 346, 1896.)

1. **microsoma,** *Coues.* (p. 346.)	W. Coast of America (Lower California to Panama).

III. OCEANODROMA, *Reichenb.**

(Salvin, *t. c.* p. 347.)

1. **leucorrhoa** (*V.*). (p. 348.)	Northern Seas of both Hemispheres.
2. **kaedingi,** *Anthony,* Auk, xv. p. 36 (1898).	Guadalupe Isl., Lower California.
3. **castro,** *Harc.* (Ogilvie Grant, Ibis, 1898, p. 314). [*jabe-jabe*, Bocage, Jorn. Lisb. 1875, p. 120; *cryptoleucura*, Ridgw. (p. 350).]	Cape Verde Is., S. Atlantic to Madeira. Galapagos Is. Hawaiian Archipelago.
4. **macrodactyla,** *Bryant.* (p. 351.)	Guadalupe Is., Lower California.
5. **socorroensis,** *C. H. Towns.* (p. 352.)	Socorro Is., W. Mexico.
6. **fuliginosa** (*Gm.*). (p. 352.)	Japanese Seas.
7. **melania** (*Bp.*). (p. 353.)	California
8. **markhami** (*Salvin*). (p. 354.)	Peru.
9. **tristrami,** *Stejn.* (p. 354.)	Japan.
10. **homochroa** (*Coues*). (p. 355.)	California.
11. **monorhis** (*Swinh.*). (p. 356.)	China, Japan.
12. **hornbyi** (*Gray*). (p. 356.)	N. Pacific Ocean.
13. **furcata** (*Gm.*). (p. 357.)	N. Pacific Ocean, S. to Oregon.

* Doubtful species are:—
Thalassidroma fasciolata and *T. dubia*, Tschudi. *Cf.* Salvin, Cat. p. 455.

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Sub-Family II. *OCEANITINÆ.*

(Salvin, Cat. B. xxv. p. 358, 1896.)

V. OCEANITES, *Keys. & Blas.*

(Salvin, *t. c.* p. 358.)

1. **oceanica** (*Kuhl*). (p. 358.)	Atlantic and Indian Oceans to the Antarctic Seas. New Zealand. Australia.
2. **gracilis** (*Elliot*). (p. 361.)	W. Coast of S. America.

V. GARRODIA, *Forbes.*

(Salvin, *t. c.* p. 361.)

1. **nereis** (*Gould*). (p. 361.)	Falkland Is., Kerguelen Isl., New Zealand.

VI. PELAGODROMA, *Reichenb.*

(Salvin, *t. c.* p. 362.)

1. **marina** (*Lath.*). (p. 362.)	Southern Seas. Canary Is. [Accidental in N. Atlantic.]

VII. PEALEA, *Ridgw.*

(Salvin, *t. c.* p. 364.)

1. **lineata** (*Peale*). (p. 364.)	Samoa Is. (Upolu).

VIII. FREGETTA, *Bp.**

(*Cymodroma*, Ridgw.; Salvin, *t. c.* p. 364.)

1. **melanogaster** (*Gould*). (p. 364.)	Southern Oceans, to N. Atlantic.
2. **grallaria** (*V.*). (p. 366.)	Southern Oceans, N. to Florida.

* *Cf.* Auk, xvi. p. 102 (1899).

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3. **albigularis** (*Finsch*). (p. 367.)	S. Pacific Ocean (New Hebrides, etc.).
4. **mœstissima** (*Salvin*). (p. 367.)	Samoa Is.

Family II. PUFFINIDÆ.

(Salvin, Cat. B. xxv. p. 368, 1896.)

Sub-Family I. *PUFFININÆ.*

(Salvin, *t. c.* p. 368.)

I. PUFFINUS, *Briss.*

(Salvin, *t. c.* p. 368.)

1. **leucomelas**, *Temm.* (p. 370.)	Japan & Corea, S. to Australia.
2. **cuneatus**, *Salvin.* (p. 371.)	N. Pacific Ocean. Hawaiian Is. to Japan.
3. **bulleri**, *Salvin.* (p. 371.)	New Zealand.
4. **chlororhynchus**, *Less.* (p. 372.)	Indian & Australian Seas to Central Pacific Is.
5. **gravis** (*O'Reilly*). (p. 373.)	Atlantic Ocean S. to Cape Seas. Falkland Is.
6. **kuhli** (*Boie*). (p. 375.)	Mediterranean Sea. Atlantic Ocean, S. to Kerguelen Isl.
7. **borealis**, *Cory.* [*kuhli*, pt., Salvin, Cat. p. 375.]	New England Coast.
8. **creatopus**, *Coues.* (p. 376.)	W. Coast of America from California to Chile.
9. **puffinus** (*Linn.*). [*anglorum*, auct. (p. 377).]	N. Atlantic, S. to Brazil.
10. **yelcouan** (*Acerbi*). [*yelkouanus*, Salvin, Cat. p. 379.]	Mediterranean Sea, N. to British Coasts.
11. **opisthomelas**, *Coues.* (p. 380.)	Lower California.
12. **auricularis**, *C. H. Towns.* (p. 380.)	Clarion Isl., W. Mexico.

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13. **gavia** (*Forst.*). (p. 381.)	New Zealand, Australia.
14. **persicus**, *Hume*. (p. 381.)	Indian Ocean.
15. **obscurus** (*Gm.*). (p. 382.	Tropical and Sub-tropical Oceans.
16. **auduboni**, *Finsch*. [*obscurus*, pt., Salvin, Cat. p. 382.]	Western Middle Atlantic Ocean.
17. **subalaris**, *Ridgw.* Proc. U.S. Nat. Mus. xix. p. 650 (1897).	Galapagos Is.
18. **assimilis**, *Gould*. (p. 384.)	Australian Seas. Atlantic Ocean, N. to Madeira. British Is. (*occ.*).
19. **elegans**, *Gigl. & Salvad.* (p. 385.)	S. Atlantic Ocean.
20. **carneipes**, *Gould*. (p. 385.)	Australia, New Zealand, N. to Japan.
21. **griseus** (*Gm.*). (p. 386.)	Atlantic and Pacific Oceans. S. to Australia and Str. of Magellan.
22. **fuliginosus**, *Strickl.*, P. Z. S. 1832, p. 129.	N. Atlantic Ocean
23. **tenuirostris** (*Temm.*). (p. 388.)	Pacific Ocean. New Zealand, Australia. E. to Samoa. N. to Japan.
24. **nativitatis**, *Streets*. (p. 389.)	Christmas Isl., Pacific Ocean, to Krusenstern Is. and Phœnix group.
25. **epermani**, *Shufeldt*, Proc. Philad. Acad. 1896, p. 511 (1896).	Favolara Isl., N. of Sardinia.
26. **conradi**, *Marsh*, Am. Journ. Sci. xlix. p. 212 (1870).	Maryland (Miocene).
27. **munda**, *Kuhl*; Bp. Consp. ii. p. 205.	Pacific Ocean.
28. ? **bicolor**, *Tschudi*. (p. 455.)	Pacific Ocean.

II. PRIOFINUS, *Hombr. & Jacq.*

(Salvin, Cat. B. xxv. p. 390, 1896.)

1. **cinereus** (*Gm.*). (p. 390.) [? *gelida*, Gm. (p. 455.)]	Southern Oceans.

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III. THALASSŒCA, *Reichenb.*

(Salvin, Cat. B. xxv. p. 392, 1896.)

1. **antarctica** (*Gm.*). (p. 392.)	Antarctic Seas, N. to Cape Horn.

IV. PRIOCELLA, *Hombr. & Jacq.*

(Salvin, *t. c.* p. 393.)

1. **glacialoides**, *Smith.* (p. 393.)	Southern Oceans, N. in Pacific to Washington State.

V. MAJAQUEUS, *Reichenb.*

(Salvin, *t. c.* p. 395.)

1. **æquinoctialis** (*Linn.*). (p. 395.)	Southern Oceans, N. to S. lat. 30°.
2. **parkinsoni** (*Gray*). (p. 397.)	New Zealand.

VI. ŒSTRELATA, *Bp.*

(Salvin, *t. c.* p. 397.)

1. **macroptera** (*Smith*). (p. 399.)	Southern Oceans.
2. **aterrima** (*Bp.*). (p. 401.)	Mascarene Is.
3. **lessoni** (*Garn.*). (p. 401.)	S. Indian Ocean, Australia, New Zealand.
4. **hæsitata** (*Kuhl*). (p. 402.)	W. Indies (Haiti & Martinique). N. Atlantic Ocean (*occ.*)
5. **jamaicensis** (*Bancr.*). (p. 403.)	Jamaica.
6. **rostrata** (*Peale*). (p. 404.)	Central Pacific Is.
7. **parvirostris** (*Peale*). (p. 405.)	Central Pacific Is.
8. **incerta** (*Schl.*). (p. 405.)	S. Atlantic Ocean (Cape Seas).
9. **mollis** (*Gould*). (p. 406.)	Southern Oceans, N. to Madeira.
10. **magentæ**, *Gigl. & Salvad.* (p. 407.)	S. Pacific Ocean.

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11. **phæopygia** (*Salvin.*). (p. 407.)	Galapagos Archipelago to Hawaiian Is.
12. **brevipes** (*Peale*). (p. 408.)	Pacific Ocean to Antarctica. [Europe (*acc.*).]
13. **hypoleuca**, *Salvin.* (p. 409.)	N. Pacific Ocean (Bonin & Krusenstern Is.).
14. **nigripennis**, *Rothsch.* (p. 409.)	S. Pacific Ocean (Kermadec Is.).
15. **brevirostris** (*Less.*). (p. 409.)	S. Atlantic & S. Indian Oceans.
16. **solanderi** (*Gould*). (p. 410.)	Australia.
17. **externa**, *Salvin.* (p. 411.)	Juan Fernandez Is. (Masafuera Isl.).
18. **cervicalis**, *Salvin.* (p. 411.)	S. Pacific Ocean (Kermadec Is.).
19. **neglecta** (*Schl.*). (p. 412.)	S. Pacific Ocean (Kermadec Is., Juan Fernandez).
20. **arminjoniana**, *Gigl. & Salvad.* (p. 413.)	S. Atlantic Ocean (Trinidad Isl.).
21. **trinitatis**, *Gigl. & Salvad.* (p. 413.)	S. Atlantic Ocean (Trinidad Isl.).
22. **heraldica**, *Salvin.* (p. 414.)	N. Pacific Ocean (Chesterfield Isl.).
23. **gularis** (*Peale*). (p. 414.)	Antarctic Ocean. New Zealand.
24. **fisheri**, *Ridgw.* (p. 415.)	N. Pacific Ocean (Alaska).
25. **scalaris**, *Brewst.* (p. 416.)	Patr. ign. [New York (*acc.*).]
26. **leucoptera** (*Gould*). (p. 416.)	E. Australia.
27. **defilippiana**, *Gigl. & Salvad.* (p. 417.)	Pacific Ocean (Chile).
28. **cooki** (*Gray*). (p. 417.)	New Zealand.
29. **longirostris**, *Stejn.* (p. 418.)	Japan.
30. **axillaris**, *Salvin.* (p. 418.)	Chatham Is.
31. ? **melanopus**, *Gm.*	N. America.

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VII. **PAGODROMA**, *Bp.*
(Salvin, Cat. B. xxv. p. 419, 1896.)

1. **nivea** (*Gm.*). (p. 419.) — Antarctic Seas.

VIII. **BULWERIA**, *Bp.*
(Salvin, *t. c.* p. 420.)

1. **bulweri** (*J. & S.*). (p. 420.) — Temperate N. Atlantic & Pacific Oceans.
2. **macgillivrayi** (*Gray*). (p. 421.) — C. Pacific Ocean (Fiji Is.).

Sub-Family II. *FULMARINÆ.*
(Salvin, Cat. B. xxv. p. 422, 1896.)

IX. **OSSIFRAGA**, *Hombr. & Jacq.*
(Salvin, *t. c.* p. 422.)

1. **gigantea** (*Gm.*). (p. 422.) — Southern Oceans, N. to S. lat. 30°.

X. **FULMARUS**, *Steph.*
(Salvin, *t. c.* p. 424.)

1. **glacialis** (*Linn.*). (p. 425.) — N. Atlantic Ocean.
2. **columba**, *Anthony*, Auk, xii. p. 105 (1895). — California.
3. **glupischa**, *Stejn.* (p. 427.) — N. Pacific Ocean.
4. **rodgersi**, *Cassin.* (p. 427.) — N. Pacific Ocean.

XI. **DAPTION**, *Steph.*
(Salvin, *t. c.* p. 428.)

1. **capensis** (*Linn.*). (p. 428.) — Southern Oceans.

XII. **HALOBÆNA**, *Is. Geoffr.*
(Salvin, *t. c.* p. 431.)

1. **cærulea** (*Gm.*). (p. 431.) — Southern Oceans.

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XIII. PRION, *Lacép.*

(Salvin, Cat. B. xxv. p. 432, 1896.)

1. **vittatus** (*Gm.*). (p. 432.)	Southern Oceans.
2. **banksi**, *Gould.* (p. 434.)	Southern Oceans.
3. **desolatus** (*Gm.*). (p. 434.)	Southern Oceans. Antarctic Seas.
4. **ariel**, *Gould.* (p. 436.)	Southern Oceans. N. to Madeira.

Family III. PELECANOIDIDÆ.

(Salvin, Cat. B. xxv. p. 437, 1896.)

I. PELECANOIDES, *Lacép.*

(Salvin, *t. c.* p. 437.)

1. **urinatrix** (*Gm.*). (p. 437.)	Australia, New Zealand, Falkland Is., Cape Horn.
2. **exsul**, *Salvin.* (p. 438.)	S. Indian Ocean (Crozette Is. to Kerguelen Isl.).
3. **garnoti** (*Less.*). (p. 439.)	S. Pacific Ocean (Peru to Chile).

Family IV. DIOMEDEIDÆ.

(Salvin, Cat. B. xxv. p. 440, 1896.)

I. DIOMEDEA, *Linn.**

(Salvin, *t. c.* p. 440.)

1. **exulans**, *Linn.* (p. 441.)	Southern Oceans.
2. **regia**, *Buller.* (p. 443.)	New Zealand.
3. **chionoptera**, *Salvin.* (p. 443.)	S. Indian Ocean (Marion Is., Kerguelen Isl.).
4. **albatrus**, *Pall.* (p. 444.)	N. Pacific Ocean.

* ? *Diomedea gibbosa*, Gould, Ann. & Mag. N. H. xiii. p. 361 (1844) (Cat. p. 455).
? *D. leptorhyncha*, Coues, Proc. Philad. Acad. 1866, p. 178 (Cat. p. 455).

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5. **irrorata**, *Salvin.* (p. 445.)	Galapagos Is., Peru.
6. **nigripes**, *Audub.* (p. 445.)	N. Pacific Ocean.
7. **immutabilis**, *Rothsch.* (p. 446.)	Pacific Ocean (Laysan Isl.). Lower California.
8. **melanophrys**, *Temm.* (p. 447.)	Southern Oceans to N. Atlantic.
9. **bulleri**, *Rothsch.* (p. 448.)	New Zealand.
10. **platei**, *Reichen.*, J. f. O. 1898, p. 119.	Coast of Chile.
11. **anglica**, *Lydekker*, Cat. Foss. B. p. 189 (1891).	England (Upper Pliocene).

II. **THALASSOGERON**, *Ridgw.*
(Salvin, Cat. B. xxv. p. 449, 1896.)

1. **cautus** (*Gould*). (p. 449.)	Tasmania.
2. **salvini**, *Rothsch.* (p. 450.)	New Zealand.
3. **layardi**, *Salvin.* (p. 450.)	Cape Seas.
4. **culminatus** (*Gould*). (p. 451.)	Southern Oceans to Pacific coast of C. America.
5. **eximius**, *Verrill.* (p. 449, note.)	S. Atlantic Ocean (Gough Isl.).
6. **chlororhynchus** (*Gm.*). (p. 451.)	Southern Oceans.

III. **PHŒBETRIA**, *Reichenb.*
(Salvin, *t. c.* p. 453.)

1. **fuliginosa** (*Gm.*). (p. 453.)	Southern Oceans.

IV. **Plotornis**, *Milne-Edw.*
(Milne-Edw., Bibl. Haut-Études, xi. art. v., 1874.)

1. **delfortrii**, *Milne-Edw. l. c.*	France (Miocene).

INCERTÆ SEDIS.

Spatornis, *Milne-Edw.*
(Lydekker, Cat. Foss. B. p. 190, 1891.)

1. **natator**, *Milne-Edw.* (L., p. 191.)	France (Lower Miocene).

Order XIII. ALCIFORMES.

(Sharpe, Classif. B. p. 72, 1891.)

Family I. ALCIDÆ.

(Ogilvie Grant, Cat. B. xxvi. p. 560, 1898.)

Sub-Family I. *ALCINÆ.*

(Ogilvie Grant, *t. c.* p. 562.)

I. **Plautus**, *Brünn.*
(Ogilvie Grant, *t. c.* p. 562.)

1. **impennis** (*Linn.*). (p. 563.) — N. Atlantic S. of Arctic Circle (*extinct*).

II. **ALCA**, *Linn.*
(Ogilvie Grant, *t. c.* p. 564.)

1. **torda**, *Linn.* (p. 565.) — N. Atlantic Ocean, S. to New England (*winter*). Mediterranean Sea, Canary Is. (*winter*).

III. **ALLE**, *Link.*
(Ogilvie Grant, *t. c.* p. 569.)

1. **alle** (*Linn.*). (p. 569.) — Arctic Seas, S. to Atlantic & Azores (*winter*).

IV. **URIA**, *Briss.*
(Ogilvie Grant, *t. c.* p. 572.)

1. **troile** (*Linn.*). (p. 573.) — N. Atlantic Ocean. Mediterranean Sea (*winter*).

2. **californica**, *Bryant.* [*troile*, pt., Grant, *t. c.* p. 573.] — N. Pacific Ocean. California (*winter*).

3. **lachrymans**, *Valenc.* [*ringvia*, Brünn. (p. 575.)] — N. Atlantic.

4. **lomvia** (*Pall.*). (p. 577.) — Arctic Seas. N. Atlantic Ocean.

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5. **arra** (*Pall.*). [*lomvia*, pt., Ogilvie Grant, Cat. p. 577.]	N. Pacific Ocean.
6. **antiqua** (*Marsh*, Amer. Journ. Sci. xlix. p. 213, 1870).	N. Carolina (Miocene).
7. **affinis** (*Marsh*, *l. c.* lv. p. 259, 1872).	Maine (Post-Pliocene).
8. **ausonia**, *Portis*, Orn. Vald. p. 15 (1891).	Italy (Pliocene).

V. CEPPHUS, *Pall.*

(*Uria*, pt., Ogilvie Grant, Cat. B. xxvi. p. 572, 1898.)

1. **grylle** (*Linn.*). (p. 580.)	N. Atlantic. Massachusetts (*winter*). W. Europe (*winter*).
2 **mandti** (*Licht.*). (p. 584.)	Arctic Regions (Spitsbergen, Greenland, Alaska, Kamtchatka, etc.).

VI. PSEUDURIA, gen. n.*

1. **columba** (*Pall.*). (p. 586.)	N. Pacific Ocean.
2. **snowi** (*Stejn.*). (p. 588.)	Kurile Is. to Japan & S. Kamtchatka.
3. **carbo** (*Pall.*). (p. 588.)	N. Pacific Ocean.

VII. BRACHYRHAMPHUS, *Brandt.*

(Ogilvie Grant, *t. c.* p. 590.)

1. **marmoratus** (*Gm.*). (p. 590.)	E. Pacific Ocean (California to Alaska).
2. **perdix** (*Pall.*). (p. 592.)	N. Pacific Ocean.
3. **brevirostris** (*Vig.*). (p. 593.)	N. Pacific Ocean.

VIII. MICRURIA, *Ogilvie Grant.*

(Ogilvie Grant, *t. c.* p. 594.)

1. **hypoleuca** (*Xantus*). (p. 594.)	Lower California.
2. **craveri** (*Salvad.*). (p. 595.)	Lower California.

* *Pseuduria* (*Uria*, pt., *Cepphus*, pt., auct.).—Rectricibus 14, ptilosi hiemali conspicuè diversa distinguenda. (*Cf.* Ogilvie Grant, Cat. B. xxvi. p. 572.)

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IX. **SYNTHLIBORHAMPHUS**, *Brandt.*
(Ogilvie Grant, Cat. B. xxvi. p. 595, 1898.)

1. **antiquus** (*Gm.*). (p. 596.) — N. Pacific Ocean.

2. **wumizusume** (*Temm.*). (p. 598.) — Japan.

Sub-Family II. *FRATERCULINÆ.*

(Ogilvie Grant, Cat. B. xxvi. p. 599, 1898.)

X. **PTYCHORHAMPHUS**, *Brandt.*
(Ogilvie Grant, *t. c.* p. 599.)

1. **aleuticus** (*Pall.*). (p. 599.) — E. Pacific Ocean (Aleutian Is. to Lower California).

XI. **SIMORHYNCHUS**, *Merrem.*
(Ogilvie Grant, *t. c.* p. 600.)

1. **cristatellus** (*Pall.*). (p. 601.) — N. Pacific Ocean (Alaska, Kamtchatka, etc.).

2. **pygmæus** (*Gm.*). (p. 603.) — N. Pacific Ocean (Alaska to Kamtchatka, etc.).

3. **pusillus** (*Pall.*). (p. 605.) — N. Pacific Ocean (Alaska to Kamtchatka, etc.).

XII. **PHALERIS**, *Temm.*
(Ogilvie Grant, *t. c.* p. 607.)

1. **psittaculus** (*Pall.*). — N. Pacific Ocean (Kurile Is. to Alaska).

XIII. **CERATORHYNCHA**, *Bp.*
(Ogilvie Grant, *t. c.* p. 609.)

1. **monocerata** (*Pall.*). (p. 609.) — N. Pacific Ocean. (Kamtchatka to Alaska. Lower California (*winter*).)

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XIV. **LUNDA**, *Pall.*
(Ogilvie Grant, Cat. B. xxvi. p. 611, 1898.)

1. **cirrhata** (*Pall.*). (p. 612.) — N. Pacific Ocean. (Kamtchatka to Alaska. Lower California (*winter*), Greenland to Maine (*winter*).),

XV. **FRATERCULA**, *Briss.*
(Ogilvie Grant, *t. c.* p. 615.)

1. **arctica** (*Linn.*). (p. 616.) — N. Atlantic Ocean (N.E. America, N.W. Europe). Portugal, Canary Is. (*winter*).

2. **glacialis**, *Leach.* [*arctica*, pt., Grant, *t. c.* p. 616.] — Arctic Ocean.

3. **corniculata** (*Naum.*). (p. 620.) — N. Pacific.

Order XIV. LARIFORMES.

(Sharpe, Classif. B. p. 72, 1891.)

Family I. LARIDÆ.

(Saunders, Cat. B. xxv. p. 3, 1896.)

Sub-Family I. *STERNINÆ.*

(Saunders, *t. c.* p. 4.)

I. **HYDROCHELIDON**, *Boie.*
(Saunders, *t. c.* p. 5.)

1. **leucoptera** (*Meisn. & Schinz*). (p. 6.) — C. & S. Europe to C. Asia & China. Australia, New Zealand, Africa (*winter*).

2. **hybrida** (*Pall.*). (p. 10.) — S.W., C., & S. Europe to China. Malay Archipelago. Australia. Africa.

3. **nigra** (*Linn.*). (p. 17.) — Europe. C. Asia. Africa (*winter*).

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4. **surinamensis** (*Gm.*). (p. 20.)	Temperate N. America. C. & S. America (*winter*).

II. PHAETHUSA, *Wagler.*

(Saunders, Cat. B. xxv. p. 23, 1896.)

1. **magnirostris** (*Licht.*). (p. 23.)	S. America.

III. GELOCHELIDON, *Brehm.*

(Saunders, *t. c.* p. 25.)

1. **anglica** (*Mont.*). (p. 25.)	Temperate Europe & Asia. Australia. N. & C. America.

IV. HYDROPROGNE, *Kaup.*

(Saunders, *t. c.* p. 32.)

1. **caspia** (*Pall.*). (p. 32.)	Temperate Europe & Asia. N. & C. America. Africa. Malayasia. Australia. New Zealand.

V. SEENA, *Blyth.*

(Saunders, *t. c.* p. 37.)

1. **seena** (*Sykes*). [*aurantia*, Saunders, Cat. B. p. 37.]	Indian Peninsula. Burmese Provinces, Malay Peninsula.

VI. STERNA, *Linn.*

(Saunders, *t. c.* p. 40.)

1. **melanogaster**, *Temm.* (p. 43.)	Indian Peninsula, Burmese Provinces, Cochin China.
2. **forsteri**, *Nutt.* (p. 46.)	N. America. C. America (*winter*).
3. **albistriata** (*Gray*). (p. 48.)	New Zealand, Norfolk Island.
4. **virgata**, *Cab.* (p. 50.)	Kerguelen Isl., Crozette Is.
5. **vittata**, *Gm.* (p. 51.)	Is. of Southern Atlantic Ocean.
6. **hirundinacea**, *Less.* (p. 52.)	S. America.

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7. **fluviatilis**, *Naum.* (p. 54.)	Countries on both sides of Atlantic Ocean. Indian and African coasts (*winter*). Brazilian coasts (*winter*).
8. **tibetana**, *Saunders.* (p. 58, pt.)	C. Asia to Manchuria. Malay Peninsula (*winter*).
9. **macrura**, *Naum.* (p. 62.)	Arctic Regions. Temperate Europe & N. America. Africa & S. America (*winter*).
10. **longipennis**, *Nordm.* (p. 67.)	E. Siberia, Kamtchatka, Japan. China, S. to New Guinea (*winter*).
11. **albigena**, *Licht.* (p. 69.)	Red Sea, Mekran Coast, Laccadives, Malabar.
12. **dougalli**, *Mont.* (p. 70.)	Coasts and Islands of W. Europe, Africa, Asia, Australia. E. N. America. West Indies.
13. **gracilis**, *Gould.* [*Cf.* Reichenow, Orn. MB. iv. p. 113 (1896).]	Australia.
14. **cantiaca**, *Gm.* (p. 75.)	W. & C. Europe. Africa, N.W. India, E. N. America, & C. America (*winter*).
15. **maxima**, *Bodd.* (p. 80.)	N. America. W. Indies. Brazil (*winter*). W. Africa (*winter*).
16. **elegans**, *Gambel.* (p. 84.)	S. California to Chile. S. Texas (*Mus. Brit.*).
17. **eurygnatha**, *Saunders.* (p. 85.)	S. America (Venezuela to Patagonia).
18. **media**, *Horsf.* (p. 86.)	Mediterranean countries. African & Indian Seas to Celebes & Australia.

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19. **bergii,** *Licht.* (p. 89.)	Red Sea. African & Indian Oceans to China, Japan, Australia, and the Pacific Islands.
20. **bernsteini,** *Schl.* (p. 96.)	Mascarene Is. Moluccas (Halmahéra).
21. **frontalis,** *Gray.* (p. 97.)	New Zealand, Australia.
22. **aleutica,** *Baird.* (p. 98.)	Alaska. Bering Sea to Japan.
23. **lunata,** *Peale.* (p. 100.)	Pacific Is. to Moluccas.
24. **anæstheta,** *Scop.* (p. 101.)	W. Indies. Gulf of Mexico. African and Indian Seas to China, Japan, Moluccas, N. Australia, & Pacific Is.
25. **fuliginosa,** *Gm.* (p. 106.)	Tropical and Juxta-tropical Seas of the world.
26. **crissalis,** *Baird.* [*fuliginosa*, pt., Saunders, Cat. B. p. 109.]	E. Pacific.
27. **balænarum** (*Strickl.*). (p. 111.)	S. African Seas.
28. **nereis** (*Gould*). (p. 112.)	Australia, New Zealand.
29. **sinensis,** *Gm.* (p. 113.)	Chinese and Indian Seas to Australia.
30. **minuta,** *Linn.* (p. 116.)	Europe. Mediterranean countries. C. Asia. N. Indian Peninsula. S. Africa (*winter*). Burma, Java (*winter*).
31. **saundersi,** *Hume.* (p. 120.)	Red Sea. E. Africa. Mascarene Is. to India, Ceylon, Burma.

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32. **antillarum** (*Less.*). (p. 122.)	Temperate and Tropical N. America to C. America. West Indies. W. Africa.
33. **australis**, *Licht.* [*Cf.* Reichenow, Orn. MB. iv. p. 113, 1896.] [*antillarum*, pt., Saunders, Cat. B. p. 122.]	S. Africa.
34. **superciliaris**, *V.* (p. 124.)	S. America.
35. **lorata**, *Phil. & Landb.* (p. 126.)	Coasts of W. S. America.
36. **melanauchen**, *Temm.* (p. 126.)	N. Mascarene Is., Nicobars, Andamans, Tenasserim, Malay Peninsula, N. Australia, Pacific Is. to Liu-Kiu Is.
37. **trudeaui**, *Audub.* (p. 130.)	S. America.

VII. **NÆNIA**, *Boie.*
(Saunders, Cat. B. xxv. p. 132, 1896.)

1. **inca** (*Less.*). (p. 132.)	Coasts of Chile & Peru.

VIII. **PROCELSTERNA**, *Lafr.*
(Saunders, *t. c.* p. 133.)

1. **cærulea** (*F. D. Bennett*). (p. 133.)	Central Polynesia.
2. **cinerea** (*Gould*). (p. 135.)	Australia. New Zealand. San Ambrosio Isl., W. S. America.

IX. **ANOUS**, *Steph.*
(Saunders, *t. c.* p. 136.)

1. **stolidus** (*Linn.*). (p. 136.)	Tropical and Juxta-tropical Seas of the world.
2. **ridgwayi**, *Anthony*, Auk, xv. p. 36 (1898).	Socorro Isl., W. Mexico.
3. **galapagensis**, *Sharpe.* (p. 143.)	Galapagos Is.

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X. MICRANOUS, *Saunders.*

(Saunders, Cat. B. xxv. p. 143, 1896.)

1. **tenuirostris** (*Temm.*). (p. 144.)	Mascarene Is. to Torres Straits and Australia.
2. **leucocapillus** (*Gould*). (p. 144.)	Caribbean Sea. E. America. S. African & Indian Oceans to N. Australia and the Society Is.
3. **hawaiiensis**, *Rothsch.* (p. 148.)	Hawaiian Archipelago.

XI. GYGIS, *Wagler.*

(Saunders, *t. c.* p. 149.)

1. **alba**, *Sparrm.* [*candida* (Gm.), Saunders, Cat. B. p. 149.] [*Cf.* Hartert, Nov. Zool. v. p. 67, 1898.]	Is. of South Atlantic & Indian Oceans to Australia and the Pacific Is.
2. **kittlitzi**, *Hartert.* [*candida*, pt., Saunders, Cat. B. p. 149.]	N. Pacific.
3. **microrhyncha**, *Saunders.* (p. 152.)	Marquesas Is.

Sub-Family II. *RHYNCHOPINÆ.*

XII. RHYNCHOPS, *Linn.*

(Saunders, *t. c.* p. 152.)

1. **nigra**, *Linn.* (p. 153.)	N. & C. America. W. Indies.
2. **intercedens**, *Saunders.* (p. 155.)	E. S. America.
3. **melanura**, *Swains.* (p. 156.)	S. America to C. America (Yucatan).
4. **flavirostris**, *V.* (p. 158.)	Africa, N. to Red Sea and Egypt.
5. **albicollis**, *Swains.* (p. 159.)	Indian Peninsula, Ceylon, Burma.

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XIII. **Pseudosterna**, *Mercerat.*
(An. Soc. Argent. xliii. p. 237, 1897.)

1. **degener**, *Mercerat, l. c.*	Patagonia (Miocene).
2. **pamprana**, *Mercerat, l. c.* p. 238.	Patagonia (Miocene).

Sub-Family III. *LARINÆ.*
(Saunders, Cat. B. xxv. p. 161, 1896.)

XIV. **XEMA**, *Leach.*
(Saunders, *t. c.* p. 161.)

1. **sabinii** (*J. Sabine*). (p. 162.)	Arctic America and E. Siberia, S. to Atlantic & Peru (*winter*).

XV. **CREAGRUS**, *Bp.*
(*Xema*, pt., Saunders, *t. c.* p. 161.)

2. **furcatus** (*Néboux*). (p. 165.)	Galapagos Is. to Peru.

XVI. **RHODOSTETHIA**, *Macgill.*
(Saunders, *t. c.* p. 167.)

1. **rosea** (*Macgill.*) (p. 167.)	Arctic Regions.

XVII. **LARUS**, *Linn.*
(Saunders, *t. c.* p. 169.)

1. **minutus**, *Pall.* (p. 173.)	Sub-arctic & Temperate Europe & Asia. Mediterranean Sea (*winter*).
2. **ichthyaëtus**, *Pall.* (p. 176.)	S.E. Europe, E. Mediterranean. Central Asia to Koko-nor. Indian Peninsula (*winter*).
3. **melanocephalus**, *Natt.* (p. 180.)	Mediterranean Sea. Coasts of W. Europe (*occ.*).
4. **saundersi** (*Swinh.*). (p. 184.)	N.E. Asia (Corea, N. China, Mongolia, Japan).
5. **philadelphia** (*Ord*). (p. 185.)	N. America.

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6. **serranus,** *Tschudi.* (p. 188.)	W. S. America.
7. **franklini,** *Swains. & Rich.* (p. 191.)	N. & C. America. W. S. America (*winter*).
8. **atricilla,** *Linn.* (p. 194.)	N. America. W. Indies. C. & S. American coasts (*winter*).
9. **cirrhocephalus** (*V.*). (p. 198.)	S. America. Africa.
10. **maculipennis,** *Licht.* (p. 200.)	S. America.
11. **glaucodes,** *Meyen.* (p. 203.)	Southern S. America.
12. **ridibundus,** *Linn.* (p. 207.)	Europe & N. Asia. Africa, Indian Ocean, China to Malay Archipelago (*winter*).
13. **brunneicephalus,** *Jerd.* (p. 215.)	C. Asian Highlands. Indian Peninsula (*winter*).
14. **leucophthalmus,** *Temm.* (p. 219.)	S.E. Europe. Red Sea.
15. **hemprichi** (*Bruch*). (p. 221.)	Red Sea. E. Africa. Shores of Indian Ocean.
16. **fuliginosus,** *Gould.* (p. 222.)	Galapagos Archipelago.
17. **modestus,** *Tschudi.* (p. 222.)	Pacific coast of America.
18. **heermanni,** *Cass.* (p. 225.)	Pacific coast of N. America. Guatemala (*winter*).
19. **belcheri,** *Vig.* (p. 226.)	Pacific coast of America.
20. **crassirostris,** *V.* (p. 227.)	Seas of China & Japan.
21. **gelastes,** *Thienem.* (p. 230.)	Mediterranean, Black, & Caspian Seas. Red Sea. N. Indian Ocean.
22. **bulleri,** *Hutton.* (p. 233.)	New Zealand.

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— 23. **novæ-hollandiæ,** *Steph.* (p. 235.)	Australia, Tasmania, New Caledonia.
— 24. **scopulinus,** *Gray.* (p. 238.)	New Zealand, Chatham Is., Auckland Is.
— 25. **hartlaubi** (*Bruch*). (p. 240.)	S. Africa, Madagascar.
— 26. **marinus,** *Linn.* (p. 241.)	N. Europe. Iceland, Greenland, N. America. Canaries & Mediterranean Sea (*winter*). Florida (*winter*).
— 27. **dominicanus,** *Licht.* (p. 245.)	S. Africa. S. America. Kerguelen Is. New Zealand.
— 28. **fuscus,** *Linn.* (p. 250.)	W. Europe to R. Dwina. Canaries, W. Africa, Red Sea (*winter*).
— 29. **affinis,** *Reinh.* (p. 254.)	Rivers of North Russia & Siberia to the Yenesei. Indian Ocean (*winter*).
— 30. **occidentalis,** *Audub.* (p. 257.)	Pacific coast of N. America.
— 31. **schistisagus,** *Stejn.* (p. 258.)	Kurile Is., Bering Sea. Japan (*winter*).
— 32. **argentatus,** *Gm.* (p. 260.)	N. Europe. N.E. America. S. Europe (*winter*).
— 33. **smithsonianus,** *Coues.* [*argentatus*, pt., Saunders, *t. c.* p. 260.]	Southern U.S. to Lower California & Gulf of Mexico (*winter*).
— 34. **cachinnans,** *Pall.* (p. 266.)	S. Europe. Black Sea, R. to Lake Baikal. N.W. India to Bombay, Red Sea, W. Africa (*winter*).
— 35. **vegæ,** *Palmén.* (p. 270.)	Arctic Siberia & Bering Sea. Chinese coasts (*winter*).

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36. **audouini,** *Payr.* (p. 271.)	W. Mediterranean.
37. **delawarensis,** *Ord.* (p. 273.)	N. America. W. Indies (*winter*). Lower California (*winter*).
38. **californicus,** *Lawr.* (p. 276.)	W. N. America. W. Mexico (*winter*).
39. **canus,** *Linn.* (p. 277.)	N. Europe & Asia. Mediterranean Sea, Persian Gulf, & Chinese Seas (*winter*).
40. **brachyrhynchus,** *Richardson.* (p. 283.)	Arctic & Sub-arctic America. Western N. America (*winter*).
41. **glaucescens,** *Naum.* (p. 284.)	N. Pacific coasts & Is. to Vancouver. Japan (*winter*). S. California (*winter*).
42. **nelsoni,** *Henshaw.* (p. 287.)	N.W. America, Alaska.
43. **kumlieni,** *Brewst.* (p. 288.)	Cumberland Sound, Baffin Land. Newfoundland (*winter*). New York (*winter*).
44. **glaucus,** *Fabr.* (p. 289.)	Arctic Regions. Mediterranean & Caspian Seas, Japan, California, Florida (*winter*).
45. **leucopterus,** *Faber.* (p. 295.)	Jan Mayen Isl., Greenland, N.E. America. Iceland & W. Europe (*winter*).
46. **elegans,** *Milne-Edw.* [Lydekker, Cat. Foss. B. p. 177.]	France (Lower Miocene).
47. **sp.,** *Lydekker,* Cat. p. 179.	Bavaria (Middle Miocene).
48. **totanoides,** *Milne-Edw.* (L., p. 180.)	France (Lower Miocene).
49. **desnoyersi,** *Milne-Edw.* (L., p. 180.)	France (Lower Miocene).
50. **robustus,** *Shufeldt,* J. Acad. Philad. xi. p. 398, 1892.	Oregon (Pliocene).

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51. **oregonus**, *Shufeldt*, *l. c.*	Oregon (Pliocene).
52. **racmdoncki**, *Van Beneden*, Bull. Acad. Belg. xxxii. p. 216 (1871).	Belgium (Pliocene).

XVIII. **GABIANUS**, *Bruch.*
(Saunders, Cat. B. xxv. p. 297, 1896.)

1. **pacificus** (*Lath.*). (p. 297.)	Australia, Tasmania.

XIX. **LEUCOPHÆUS**, *Bruch.*
(Saunders, *t. c.* p. 299.)

1. **scoresbyi** (*Traill*). (p. 299.)	Southern S. America. Falkland Is.

XX. **PAGOPHILA**, *Kaup.*
(Saunders, *t. c.* p. 301.)

1. **eburnea** (*Phipps*). (p. 301).	Circumpolar Regions. W. Europe & E. N. America (*winter*).

XXI. **RISSA**, *Stephens.*
(Saunders, *t. c.* p. 305.)

1. **rissa** (*Linn.*). (p. 305.) [*tridactyla* (Linn.), Saunders, Cat. B. p. 305.]	Circumpolar, Arctic, & Sub-arctic Regions. N.W. Europe & N.E. America. Caspian & Mediterranean Seas (*winter*). N. American coasts (*winter*).
2. **brevirostris** (*Bruch*). (p. 312.)	Is. of Bering Sea.

Family II. STERCORARIIDÆ.

(Saunders, Cat. B. xxv. p. 314, 1896.)

I. **MEGALESTRIS**, *Bp.*
(Saunders, *t. c.* p. 314.)

1. **catarrhactes** (*Linn.*). (p. 315.)	N.W. Europe. S. Greenland. N.W. America. N. Atlantic coasts (*winter*).

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2. **chilensis** (*Bp.*). (p. 318.)	Southern S. America to S. Brazil & Peru.
3. **antarctica** (*Less.*). (p. 319.)	Is. of S. Ocean. Falkland Is. to Kerguelen Isl. & New Zealand.
4. **maccormicki**, *Saunders*. (p. 321.)	Antarctic Continent.

II. **STERCORARIUS**, *Briss.*

(Saunders, Cat. B. xxv. p. 322, 1896.)

1. **pomatorhinus** (*Temm.*). (p. 322.)	Arctic Regions. Australian, African, & S. American Seas (*winter*).
2. **crepidatus** (*Banks*). (p. 327.)	Circumpolar and Subarctic Regions. African, Indian, & Australian Seas; S. Brazil (*winter*).
3. **parasiticus** (*Linn.*). (p. 334.)	Circumpolar Regions. E. & W. Atlantic coasts; Pacific coast of N. America (*winter*).

INCERTÆ SEDIS.

Halcornis, *Owen.*

(Lydekker, Cat. Foss. B. p. 181, 1891.)

1. **toliapicus**, *König*. (L., p. 181.)	England (Lower Eocene).

Order XV. CHARADRIIFORMES.

(Sharpe, Classif. B. p. 72, 1891.)

INCERTÆ SEDIS.

Dolichopterus, *Aymard.*

(Lydekker, Cat. Foss. B. p. 175, 1891.)

1. **biator**, *Aymard*. (L., p. 175.)	France (Lower Miocene).

Sub-Order I. *CHIONIDES.*

(Sharpe, Classif. B. p. 72, 1891.)

Family I. **CHIONIDIDÆ.**

(Sharpe, Cat. B. xxiv. p. 710, 1896.)

I. **CHIONIS**, *Forster.*
(Sharpe, *t. c.* p. 710.)

1. **alba** (*Gm.*). (p. 710.) — Southern S. America.

II. **CHIONARCHUS**, *Kidder & Coues.*
(Sharpe, *t. c.* p. 711.)

1. **minor** (*Hartl.*). (p. 712.) — Kerguelen Isl., Marion Isl., Prince Edward Is.

2. **crozettensis**, *Sharpe.* (p. 713.) — Crozette Is.

Sub-Order II. *ATTAGIDES.*

(Sharpe, Classif. B. p. 72, 1891.)

Family I. **THINOCORYTHIDÆ.**

(Sharpe, Cat. B. xxiv. p. 714, 1896.)

I. **ATTAGIS**, *Less. & Is. Geoffr.*
(Sharpe, *t. c.* p. 714.)

1. **gayi**, *Less.* (p. 715.) — Chile, Peru.

2. **chimborazensis**, *Scl.* (p. 716.) — Ecuador.

3. **malouinus** (*Bodd.*). (p. 716.) — Str. of Magellan, Falkland Is.

II. **THINOCORYS**, *Esch.*
(Sharpe, Cat. B. xxiv. p. 717, 1896.)

— 1. **orbignianus**, *Geoffr. & Less.* (p. 718.) — Chile, Peru, Bolivia.

— 2. **rumicivorus**, *Esch.* (p. 719.) — Argentina, Patagonia, Chile, Peru, Bolivia.

INCERTÆ SEDIS.

Palæotringa, *Marsh.*
(Marsh, Proc. Acad. Nat. Sci. Philad. 1870, p. 5.)

1. **littoralis**, *Marsh, t. c.* p. 5. — N. America (Cretaceous).

2. **bagans**, *Marsh*, Amer. Journ. Sci. iii. p. 365 (1872). — N. America (Cretaceous).

3. **betus**, *Marsh, ut suprà*, p. 5. — N. America (Cretaceous).

Sub-Order III. *CHARADRII.*
(Sharpe, Classif. B. p. 73, 1891.)

Family I. **CHARADRIIDÆ.**
(Sharpe, Cat. B. xxiv. p. 90, 1896.)

Sub-Family I. *ARENARIINÆ.*
(Sharpe, *t. c.* p. 91.)

I. **ARENARIA**, *Briss.*
(Sharpe, *t. c.* p. 91.)

— 1. **interpres** (*Linn.*). (p. 92.) — Cosmopolitan, breeding in high N. latitudes.

— 2. **melanocephala**, *Vig.* (p. 103.) — W. North America, Alaska. California (*winter*).

Sub-Family II. *HÆMATOPODINÆ.*

(Sharpe, Cat. B. xxiv. p. 105, 1896.)

II. HÆMATOPUS, *Linn.*

(Sharpe, *t. c.* p. 105.)

1. **ostralegus**, *Linn.* (p. 107.)	Europe. C. Asia. Mediterranean and Red Seas; E. Africa to Mozambique; Persian Gulf; Sind (*winter*).
2. **osculans**, *Swinh.* (p. 111.)	E. Siberia, Kamtchatka. China, Burma (*winter*).
3. **longirostris**, *V.* (p. 112.)	Australia, Tasmania, New Zealand, Chatham Is., New Guinea, Molucca Is.
4. **finschi**, *Martens*, Orn. MB. v. p. 190 (1897).	New Zealand.
5. **leucopus**, *Garn.* (p. 113.)	Str. of Magellan, Falkland Is.
6. **palliatus**, *Temm.* (p. 114.)	Atlantic Coast of N. America. S. America (*winter*).
7. **galapagensis**, *Ridgw.* (p. 116.)	Galapagos Archipelago.
8. **frazari**, *Brewst.* (p. 117.)	S. California. Chile (*winter*).
9. **durnfordi**, *Sharpe.* (p. 117.)	Patagonia.
10. **unicolor**, *Wagler.* (p. 118.)	Australia, New Zealand.
11. **moquini**, *Bp.* (p 119.	Africa, Canaries, Madeira.
12. **niger**, *Pall.* (p. 120.)	N.W. America to California.
13. **ater** (*Less.*). (p. 121.)	Southern S. America. Falkland Is.

Sub-Family III. *LOBIVANELLINÆ.*

(Sharpe, Cat. B. xxiv. p. 122, 1896.)

III. **OREOPHILUS**, *J. & S.*

(Sharpe, *t. c.* p. 123.)

1. **ruficollis** (*Wagl.*). (p. 123.) — Patagonia, Chile, Peru, Falkland Is.

IV. **ERYTHROGONYS**, *Gould.*

(Sharpe, *t. c.* p. 124.)

1. **cinctus**, *Gould.* (p. 125.) — Australia.

V. **DEFILIPPIA**, *Salvad.*

(Sharpe, *t. c.* p. 126.)

1. **crassirostris** (*De Filippi*). (p. 126.) — N.E. Africa. E. Africa to Victoria Nyanza & Witu.
2. **leucoptera** (*Reichen.*). (p. 127.) — S.E. Africa. E. Africa to Pangani R.

VI. **SARCIOPHORUS**, *Strickl.*

(Sharpe, *t. c.* p. 128.)

1. **tectus** (*Bodd.*). (p. 128.) — Senegambia, N.E. Africa.
2. **latifrons**, *Reichen.* (p. 130.) — E. Africa (Somali-land to Teita).

VII. **LOBIPLUVIA**, *Bp.*

(Sharpe, *t. c.* p. 130.)

1. **malabarica** (*Bodd.*). (p. 130.) — Indian Peninsula, N.W. Ceylon.

VIII. MICROSARCOPS, *Sharpe.*

(Sharpe, Cat. B. xxiv. p. 133, 1896.)

1. **cinereus** (*Blyth*). (p. 133.)	E. Siberia, S. Japan, N. China. S. China, Indo-Burmese countries, N.E. Bengal (*winter*).

IX. HOPLOXYPTERUS, *Bp.*

(Sharpe, *t. c.* p. 135.)

1. **cayanus** (*Lath.*). (p. 135.)	S. America (Brit. Guiana to S. Brazil).

X. PTILOSCELIS, *Bp.*

(Sharpe, *t. c.* p. 137.)

1. **resplendens** (*Tschudi*). (p. 137.)	Western S. America (Ecuador to N. Chile). Salta, Argent. Rep.

XI. LOBIVANELLUS, *Strickl.*

(Sharpe, *t. c.* p. 138.)

1. **lobatus** (*V.*). (p. 139.)	Australia.
2. **miles** (*Bodd.*). (p. 140.)	Australia, New Guinea, Aru Is., Molucca Is.
3. **senegalus** (*L.*). (p. 141.)	W. Africa. N.E. Africa.
4. **lateralis** (*Smith*). (p. 144.)	S.E. & S.W. Africa. E. Africa to Victoria Nyanza & Albert Edward Nyanza.

Sub-Family IV. *CHARADRIINÆ.*

(Sharpe, Cat. B. xxiv. p. 145, 1896.)

XII. **XIPHIDIOPTERUS**, *Reichenb.*

(Sharpe, *t. c.* p. 147.)

1. **albiceps** (*Gould*). (p. 147.)	W. Africa. N.E. Africa.
2. **cucullatus** (*Temm.*). (p. 148.)	Greater Sunda Is.

XIII. **SARCOGRAMMUS**, *Reichenb.*

(Sharpe, *t. c.* p. 148.)

1. **indicus** (*Bodd.*). (p. 152.)	Arabia, Persia, Afghanistan, Indian Peninsula, Ceylon.
2. **atrinuchalis** (*Jerd.*). (p. 152.)	Indo-Chinese countries, Malay Peninsula, Sumatra.

XIV. **TYLIBYX**, *Reichenb.*

(Sharpe, *t. c.* p. 153.)

1. **melanocephalus** (*Rüpp.*). (p. 153.)	N.E. Africa.

XV. **ZONIFER**, *Sharpe.*

(Sharpe, *t. c.* p. 154.)

1. **tricolor** (*V.*). (p. 154.)	Australia, Tasmania.

XVI. **ANOMALOPHRYS**, *Sharpe.*

(Sharpe, *t. c.* p. 156.)

1. **superciliosus** (*Reichen.*). (p. 156.)	W. Africa (Togoland to Congo). Lake Tanganyika.

XVII. **HOPLOPTERUS**, *Bp.*

(Sharpe, *t. c.* p. 157.)

1. **spinosus** (*Linn.*). (p. 157.)	W. Africa. E. & N.E. Africa to Albert Edward Nyanza. S.E. Europe.

2. **ventralis** (*Wagl.*). (p. 159.)	Indian Peninsula. Indo-Chinese countries to Hainan.
3. **speciosus** (*Wagl.*). (p. 161.)	S.E. Africa. E. Africa.

XVIII. BELONOPTERUS, *Reichenb.*

(Sharpe, Cat. B. xxiv. p. 163, 1896.)

1. **cayennensis** (*Gm.*). (p. 163.)	S. America (Colombia, Guiana, Brazil).
2. **chilensis** (*Mol.*). (p. 165.)	Southern S. America (Peru, Chile, Patagonia). Falkland Is.
3. **grisescens**, *Prazak*, Orn. MB. v. p. 23 (1896).	N. Chile.

XIX. VANELLUS, *Briss.*

(Sharpe, *t. c.* p. 166.)

1. **vanellus** (*Linn.*). (p. 166.)	Europe and N. Asia to N. China & Alaska. S. Europe, N.W. India, S. China (*winter*).
2. **selysi**, *Van Beneden*, Bull. Acad. Belg. xxii. p. 210 (1871).	Belgium (Pliocene).

XX. EUHYAS, *Sharpe.*

(Sharpe, *t. c.* p. 736.)

[*Eurypterus*, Sharpe, *t. c.* p. 171.]

1. **leucura** (*Licht.*). (p. 171.)	S.E. Europe. Egypt. Central Asia. N.W. India (*winter*).

XXI. CHÆTUSIA, *Bp.*

(Sharpe, *t. c.* p. 174.)

1. **gregaria** (*Pall.*). (p. 174.)	S.E. Europe, Central Asia. N.E. Africa; Indian Peninsula (*winter*).

XXII. STEPHANIBYX, *Reichenb.*
(Sharpe, Cat. B. xxiv. p. 177, 1896.)

1. **coronatus** (*Bodd.*). (p. 178.)	S. & S.W. Africa. E. Africa to Shoa and Somali-land.
2. **melanopterus** (*Cretzschm.*). (p. 180.)	N.E. & E. Africa, Arabia.
3. **inornatus** (*Swains.*). (p. 181.)	W. Africa (Liberia to Congo). S.E. & E. Africa (Natal to Zanzibar).

XXIII. SQUATAROLA, *Leach.*
(Sharpe, *t. c.* p. 182.)

1. **helvetica** (*Linn.*). (p. 182.)	Sub-arctic Regions. S. to Australia, Cape, and S. America (*winter*).

XXIV. CHARADRIUS, *Linn.*
(Sharpe, *t. c.* p. 191.)

1. **pluvialis**, *Linn.* (p. 191.)	Europe & N. Asia. N. Africa, N.W. India (*winter*).
2. **dominicus** (*P. L. S. Müll.*). (p. 195.)	Sub-arctic Regions, S. to Australia, New Zealand, Africa, S. America (*winter*).
3 **sheppardianus**, *Cope*, Bull. U.S. Geol. Surv. Terr. vi. no. 1, p. 83 (1881).	N. America (Tertiary)

XXV. APHRIZA, *Audub.*
(Sharpe, *t. c.* p. 208.)

1. **virgata** (*Gm.*). (p. 208.)	Western N. America. Alaska to Chile (*winter*).

XXVI. OCHTHODROMUS, *Reichenb.*
(Sharpe, *t. c.* p. 209.)

1. **obscurus** (*Gm.*). (p. 211.)	New Zealand.

2. **bicinctus** (*J. & S.*). (p. 212.)	Australia, Tasmania, Norfolk Isl., Lord Howe Isl.
3. **wilsoni** (*Ord*). (p. 214.)	Atlantic Coast of N. America. C. & S. America (*winter*).
4. **geoffroyi** (*Wagl.*). (p. 217.)	E. Asia (Japan, Formosa). Africa, Indian Peninsula, and Australia (*winter*).
5. **mongolus** (*Pall.*). (p. 223.)	N.E. Asia, coasts of Bering Sea, Alaska. China to Australia (*winter*).
6. **pyrrhothorax** (*Gould*). (p. 226.) [*Ægialitis pamirensis*, Richm. Proc. U.S. Nat. Mus. xviii. p. 590, 1895.]	C. Asia. N.E. Africa (*winter*). Indian Peninsula, Malay Peninsula, Borneo (*winter*).
7. **asiaticus** (*Pall.*). (p. 230.)	C. Asia. Africa (*winter*). Western Indian Peninsula (*winter*).
8. **veredus** (*Gould*). (p. 232.)	Mongolia. China to Moluccas and Australia (*winter*).

XXVII. EUDROMIAS, *Brehm.*
(Sharpe, *t. c.* p. 234.)

1. **morinellus** (*Linn.*). (p. 234.)	N. Europe & N. Asia. Mediterranean countries & N.E. Africa (*winter*).

XXVIII. ZONIBYX, *Reichenb.*
(Sharpe, *t. c.* p. 238.)

1. **modestus** (*Licht.*). (p. 238.)	Southern S. America, Falkland Is.

XXIX. PODASOCYS, *Coues.*
(Sharpe, *t. c.* p. 240.)

1. **montanus** (*Towns.*). (p. 240.)	Western U. States. S. to Mexico & Lower California (*winter*).

XXX. OXYECHUS, *Reichenb.*

(Sharpe, Cat. B. xxiv. p. 242, 1896.)

1. **vociferus** (*Linn.*). (p. 242.)	North America. C. & S. America (*winter*). W. Europe (*acc.*).
2. **tricollaris** (*V.*). (p. 247.)	S. Africa. E. & N.E. Africa.
3. **bifrontatus** (*Cab.*). (p. 249.)	Madagascar.
4. **forbesi** (*Shelley*). (p. 250.)	W. Africa (Senegambia to Gaboon). Equat. Africa.

XXXI. ÆGIALEUS, *Reichenb.*

(Sharpe, *t. c.* p. 250.)

1. **semipalmatus** (*Bp.*). (p. 250.)	N. America, N.E. Siberia. C. & S. America (*winter*).

XXXII. ÆGIALITIS, *Boie.*

(Sharpe, *t. c.* p. 254.)

1. **hiaticola** (*Linn.*). (p. 256.)	E. N. America (*casual*). Europe, E. to Lake Baikal. Africa (*winter*). N.W. India (*winter*).
2. **placida** (*Gray*). (p. 262.)	Manchuria, E. Siberia, Japan, China, E. Himalayas. S. China (*winter*).
3. **dubia** (*Scop.*). (p. 263.)	Europe & N. Asia to Japan. Africa (*winter*). India and the Malay Archipelago (*winter*). Alaska to California (*casual*).
4. **peroni** (*Bp.*). (p. 273.)	Greater Sunda Is. to Celebes.
5. **alexandrina** (*Linn.*). (p. 275.)	Europe & Central Asia to China & Japan. Africa, Indian Peninsula, & Australia (*winter*).
6. **marginata** (*V.*). (p. 282.)	S. Africa.

7. **pallida** (*Strickl.*). (p. 284.)	W. Africa. E. Africa & Madagascar.
8. **venusta** (*Fischer & Reichen.*). (p. 286.)	E. Africa.
9. **ruficapilla** (*Temm.*). (p. 286.)	Australia, Tasmania, New Zealand. N. to China.
10. **collaris** (*V.*). (p. 288.)	C. & S. America. Lesser Antilles.
11. **nivosa**, *Cass.* (p. 290.)	Western N. America. C. America & Western S. America.
12. **meloda** (*Ord*). (p. 292.)	N. America. Greater Antilles.
13. **occidentalis**, *Cab.* (p. 295.)	N. Chile.
14. **falklandica** (*Lath.*). (p. 295.)	Chile, Argentina, Patagonia, Falkland Is.
15. **pecuaria** (*Temm.*). (p. 297.)	Africa. N. to Nile Delta.
16. **sanctæ-helenæ**, *Harting*. (p. 299.)	S. Helena.
17. **thoracica**, *Richm.*, Proc. Biol. Soc. Washington, x. p. 53 (1896).	Madagascar.
18. **melanops** (*V.*). (p. 300.)	Australia.
19. **cucullata** (*V.*). (p. 302.)	Australia, Tasmania.

XXXIII. PLUVIANELLUS, *Jacq. & Pucher.*

(Sharpe, Cat. B. xxiv. p. 303, 1896.)

1. **sociabilis**, *Jacq. & Pucher*. (p. 303.)	Patagonia.

XXXIV. THINORNIS, *Gray.*

(Sharpe, *t. c.* p. 304.)

1. **novæ-zealandiæ** (*Gm.*). (p. 304.)	New Zealand, Chatham Is.
2. **rossi**, *Gray*. (p. 305.)	Auckland Is.

XXXV. ANARHYNCHUS, *Q. & G.*
(Sharpe, Cat. B. xxiv. p. 306, 1896.)

1. **frontalis**, *Q. & G.* (p. 306.) — New Zealand.

Sub-Family V. *PELTOHYATINÆ.*
(Sharpe, Cat. B. xxiv. p. 307, 1896.)

XXXVI. PELTOHYAS, *Sharpe.*
(Sharpe, *t. c.* p. 307.)

1. **australis** (*Gould*). (p. 307.) — Australia.

Sub-Family VI. *HIMANTOPODINÆ.*
(Sharpe, *t. c.* p. 309.)

XXXVII. HIMANTOPUS, *Briss.*
(Sharpe, *t. c.* p. 309.)

1. **himantopus** (*Linn.*). (p. 310.) — C. Europe. Africa. Madagascar. Central Asia. Indian Peninsula to Western China.
2. **melanurus** (*V.*). (p. 316.) — Brazil, Chile.
3. **leucocephalus**, *Gould.* (p. 317.) — Australia, New Guinea, Molucca Is., Greater Sunda Is.
4. **picatus**, *Ellm.* (p. 319.) — New Zealand.
5. **mexicanus** (*P. L. S. Müll.*). (p. 320.) — N. & C. America to Amazonia & Peru. West Indies. Galapagos Is.
6. **knudseni**, *Stejn.* (p. 323.) — Hawaiian Archipelago.
7. **melas**, *H. & J.* (p. 323. — New Zealand.

XXXVIII. **CLADORHYNCHUS**, *Gray.*
(Sharpe, Cat. B. xxiv. p. 324, 1896.)

1. **leucocephalus** (*V.*). (p. 324.) — Australia.

XXXIX. **RECURVIROSTRA**, *Linn.*
(Sharpe, *t. c.* p. 326.)

1. **avocetta**, *Linn.* (p. 326.) — C. & S. Europe to C. Asia & Mongolia. Africa. Indian Peninsula, Ceylon.
2. **americana** (*Gm.*). (p. 330.) — Temperate N. America. C. America & Greater Antilles (*winter*).
3. **novæ-hollandiæ**, *V.* (p. 333.) — Australia. New Zealand.
4. **andina**, *Phil. & Landb.* (p. 334.) — Andes of Chile.

Sub-Family VII. *IBIDORHYNCHINÆ.*
(Sharpe, Cat. B. xxiv. p. 335, 1896.)

XL. **IBIDORHYNCHUS**, *Vig.*
(Sharpe, *t. c.* p. 335.)

1. **struthersi**, *Vig.* (p. 335.) — Himalayas. C. Asia to Mongolia and N. China.

Sub-Family VIII. *TOTANINÆ.*
(Sharpe, *t. c.* p. 337.)

XLI. **NUMENIUS**, *Briss.*
(Sharpe, *t. c.* p. 340.)

1. **arquata** (*Linn.*). (p. 341.) — Europe, E. to Lake Baikal. Africa, India, S. China, & Malay Peninsula (*winter*).
2. **tenuirostris**, *V.* (p. 348.) — Mediterranean countries. C. Europe (*occ.*).

3. **cyanopus**, *V.* (p. 350.)	E. Siberia, Japan. Australia (*winter*).
4. **longirostris**, *Wilson.* (p. 352.)	Temperate N. America. C. America & Greater Antilles (*winter*).
5. **phæopus** (*Linn.*). (p. 355.)	Europe. Africa, Indian Peninsula, Indo-Burmese countries & Malay Peninsula (*winter*).
6. **variegatus** (*Scop.*). (p. 361.)	E. Siberia, Japan. S. China to Australia (*winter*).
7. **hudsonicus**, *Lath.* (p. 364.)	N. America. S. America (*winter*).
8. **femoralis**, *Peale.* [*tahitiensis* (Gm.). (p. 367.)	N.W. N. America. Hawaiian Archipelago. Pacific Islands.
9. **borealis**, *Lath.* (p. 368.)	N. America. S. America (*winter*).
10. **antiquus**, *Milne-Edw.* (Lydekker, Cat. Foss. B. p. 175.)	France (Middle Miocene).
11. **gypsorum**, *Gervais.* (Lydekker, *t. c.* p. 175.)	France (Upper Eocene).
12. **pliocenus**, *Portis*, Orn. Vald. p. 13 (1891).	Italy (Pliocene).

XLII. Glorius, *Milne-Edwards.*

(Lydekker, Cat. Foss. B. p. 173, 1891.)

1. **paludicola**, *Milne-Edw.* (L., p. 173.)	France (Lower Miocene).
2. **sp.**, *Lydekker, t. c.* p. 174.	Bavaria (Middle Miocene).

XLIII. Rupelornis, *Van Beneden.*

(Van Beneden, Bull. Acad. Belg. xxxii. p. 217, 1871.)

1. **definitus**, *Van Beneden, t. c.*	Belgium (Pliocene).

XLIV. **MESOSCOLOPAX**, *Sharpe.*

(Sharpe, Cat. B. xxiv. p. 371, 1896.)

1. **minutus**, *Gould.* (p. 371.)	E. Siberia, Corea & Mongolia. China, Japan to Australia (*winter*).

XLV. **LIMOSA**, *Briss.*

(Sharpe, *t. c.* p. 372.)

1. **lapponica** (*Linn.*). (p. 373.)	Sub-arctic Regions from Lapland to the Yenesei. Mediterranean countries (*winter*). Senegambia, Sind (*winter*).
2. **novæ-zealandiæ**, *Gray.* (p. 379.)	Alaska, E. Siberia. S. to Australia, New Zealand, Oceania (*winter*).
3. **limosa** (*Linn.*). (p. 381.)	C. & N. Europe to Valley of Ob R. Mediterranean countries & N.E. Africa (*winter*).
4. **hudsonica** (*Lath.*). (p. 388.)	N. America. S. America (*winter*).
5. **fedoa** (*Linn.*). (p. 391.)	N. America. C. America (*winter*).

XLVI. **MACRORHAMPHUS**, *Leach.*

(Sharpe, *t. c.* p. 393.)

1. **griseus** (*Gm.*). (p. 394.)	E. Siberia & N. America. C. & S. America (*winter*).
2. **taczanowskii** (*Verr.*). (p. 400.)	E. Siberia. N.E. Bengal, Burma, Borneo (*winter*).

XLVII. **MICROPALAMA**, *Baird.*

(Sharpe, *t. c.* p. 401.)

1. **himantopus** (*Bp.*). (p. 401.)	Eastern N. America. C. & S. America and West Indies (*winter*).

XLVIII. SYMPHEMIA, *Rafin.*

(Sharpe, Cat. B. xxiv. p. 405, 1896.)

1. **semipalmata** (*Gm.*). (p. 405.)	Temperate N. America. Central America, Guiana, West Indies (*winter*).

XLIX. TOTANUS, *Bechst.*

(Sharpe, *t. c.* p. 409.)

1. **fuscus** (*Linn.*). (p. 409.)	N. Europe & Asia. Mediterranean countries, Indian Peninsula, and China (*winter*).
2. **calidris** (*Linn.*). (p. 414.)	Europe & Central Asia to E. Siberia. Africa, India, Burmese countries to Malay Archipelago (*winter*).
3. **stagnatilis**, *Bechst.* (p. 422.)	S.E. Europe to N.E. Asia. Africa, Indian Peninsula to Australia (*winter*).
4. **melanoleucus** (*Gm.*). (p. 426.)	N. America. S. America (*winter*).
5. **flavipes** (*Gm.*). (p. 431.)	N. America. S. America (*winter*).
6. **sp.**, *Lydekker*, Cat. Foss. B. p. 172 (1891).	Switzerland (Upper Miocene).
7. **lartetianus**, *Milne-Edw.* (L., p. 172.)	France (Lower Miocene).
8. **scarabellii**, *Portis.* (L., p. 173.)	Italy (Pliocene).
9. **majori**, *Lydekker*, P. Z. S. 1893, p. 521.	France (Miocene).

INCERTÆ SEDIS.

Totanus (?) **sp.** (*Lydekker*, *t. c.* p. 173).	France (Upper Miocene).

L. HELODROMAS, *Kaup.*

(Sharpe, *t. c.* p. 437.)

1. **ochropus** (*Linn.*). (p. 437.)	Europe & N. Asia. Africa, Indian Peninsula to Malay Archipelago (*winter*).

2. **solitarius** (*Wilson*). (p. 444.)	N. America. S. America (*winter*).
3. **cinnamomeus**, *Brewster*, Auk, vii. p. 377 (1890). (p. 760.)	Pacific coast of N. America.

LI. **HETERACTITIS**, *Stejn.*
(Sharpe, Cat. B. xxiv. p. 449, 1896.)

1. **brevipes** (*V.*). (p. 449.)	E. Siberia. China to Malay Archipelago & Australia (*winter*).
2. **incanus** (*Gm.*). (p. 453.)	W. N. America, Alaska & Bering Isl. to Lower California. Mexico, Galapagos Is., Oceania (*winter*).

LII. **TRINGOIDES**, *Bp.*
(Sharpe, *t. c.* p. 456.)

1. **hypoleucus** (*Linn.*). (p. 456.)	Europe & N. Asia. Africa, Indian Peninsula to Australia (*winter*).
2. **macularius** (*Linn.*). (p. 468.)	N. America. C. & S. America and W. Indies (*winter*).

LIII. **TEREKIA**, *Bp.*
(Sharpe, *t. c.* p. 474.)

1. **cinerea** (*Güldenst.*). (p. 474.)	N.E. Europe, N. Siberia. Africa & Indian Peninsula to Australia (*winter*).

LIV. **PSEUDOGLOTTIS**, *Stejn.*
(Sharpe, *t. c.* p. 479.)

1. **guttifer** (*Nordm.*). (p. 479.)	Kamtchatka & E. Siberia. Coasts of Hainan, Burma, & N.E. Bengal (*winter*).

LV. **GLOTTIS**, *Koch.*
(Sharpe, *t. c.* p. 480.)

1. **nebularius** (*Gunn.*). (p. 481.)	N. Europe & N. Asia. Africa, Indian Peninsula to Australia (*winter*).

LVI. **RHYACOPHILUS**, *Kaup.*
(Sharpe, Cat. B. xxiv. p. 490, 1896.)

1. **glareola** (*Gm.*). (p. 491.) — Europe & N. Asia. Africa, Indian Peninsula to Australia (*winter*).

LVII. **PAVONCELLA**, *Leach.*
(Sharpe, *t. c.* p. 499.)

1. **pugnax** (*Linn.*). (p. 500.) — Temperate Europe and Asia. Africa, Indian Peninsula to Malay Archipelago (*winter*). W. Indies and N. America (*occ.*).

LVIII. **BARTRAMIA**, *Less.*
(Sharpe, *t. c.* p. 509.)

1. **longicauda** (*Bechst.*). (p. 509.) — N. America. S. America (*winter*). W. Europe (*acc.*). Australia (*acc.*).

LIX. **EREUNETES**, *Illiger.*
(Sharpe, *t. c.* p. 514.)

1. **pusillus** (*Linn.*). (p. 514.) — N.E. Siberia. N. America. S. America (*winter*).

Sub-Family IX. *SCOLOPACINÆ.*
(Sharpe, Cat. B. xxiv. p. 520, 1896.)

LX. **TRYNGITES**, *Cab.*
(Sharpe, *t. c.* p. 521.)

1. **subruficollis** (*V.*). (p. 521.) — N. America. S. America (*winter*).

LXI. **ÆCHMORHYNCHUS**, *Coues.*
(Sharpe, *t. c.* p. 524.)

1. **cancellatus** (*Gm.*). (p. 524.) — Oceania (Paumotu Is., Christmas Isl.).

LXII. **PROSOBONIA**, *Bp.*
(Sharpe, *t. c.* p. 525.)

1. **leucoptera** (*Gm.*). (p. 525.) — Oceania (Tahiti).

LXIII. CALIDRIS, *Illiger.*
(Sharpe, Cat. B. xxiv. p. 526, 1896.)

1. **arenaria** (*Linn.*). (p. 526.)	Arctic Regions. S. America; Africa; Indian Peninsula to Australia (*winter*). Marshall Is. (*winter*).

LXIV. EURYNORHYNCHUS, *Nilss.*
(Sharpe, *t. c.* p. 535.)

1. **pygmæus** (*Linn.*). (p. 535.)	N.E. Asia. N.W. America. Japan, China, & Burma (*winter*).

LXV. LIMONITES, *Kaup.*
(Sharpe, *t. c.* p. 537.)

1. **minuta** (*Leisl.*). (p. 538.)	N. Europe. N. Asia to Lake Baikal. Africa; Indian Peninsula, Ceylon (*winter*).
2. **ruficollis** (*Pall.*). (p. 545.)	E. Siberia. Japan, China, Burmese countries to Australia (*winter*).
3. **minutilla** (*V.*). (p. 548.)	N. America. S. America (*winter*).
4. **damacensis** (*Horsf.*). (p. 553.)	E. Siberia. Is. of Bering Sea. Japan, China to N.E. Bengal, Burma to Australia (*winter*).
5. **temmincki** (*Leisl.*). (p. 555.)	N. Europe & Asia. N. & N.E. Africa; Indian Peninsula, China (*winter*).

LXVI. HETEROPYGIA, *Coues.*
(Sharpe, *t. c.* p. 561.)

1. **maculata** (*V.*). (p. 562.)	N. America. C. & S. America (*winter*).
2. **acuminata** (*Horsf.*). (p. 566.)	E. Siberia. Alaska. China, S. to Australia & New Zealand (*winter*).

3. **bairdi** (*Coues*). (p. 570.)	N. America. C. & W. South America (*winter*).
4. **fuscicollis** (*V.*). (p. 574.)	E. North America. C. & E. South America, West Indies (*winter*).
5. ? **cooperi** (*Baird*). (p. 574, note.)	N. America (Long Isl.).

LXVII. **ARQUATELLA**, *Baird.*
(Sharpe, Cat. B. xxiv. p. 578, 1896.)

1. **maritima** (*Gm.*). (p. 578.)	N. Europe. N.E. America. Temperate Europe and N. America (*winter*).
2. **couesi**, *Ridgw.* (p. 583.)	Is. of Bering Sea. N.W. America.
3. **ptilocnemis** (*Coues*). (p. 584.)	Prybilov Is., Bering Sea. N.W. America (*winter*).

LXVIII. **ANCYLOCHILUS**, *Kaup.*
(Sharpe, *t. c.* p. 585.)

1. **subarquatus** (*Güldenst.*). (p. 586.)	N. Siberia. Africa; Indian Peninsula to Australia (*winter*).

LXIX. **TRINGA**, *Linn.*
(Sharpe, *t. c.* p. 593.)

1. **canutus** (*Linn.*). (p. 593.)	Arctic Regions. Africa; Indian Peninsula to Australia and New Zealand (*winter*).
2. **crassirostris**, *T. & S.* (p. 600.)	E. Siberia. Japan, China to Australia, & W. Indian Peninsula (*winter*).
3. **gracilis**, *Milne-Edw.* (Lydekker, Cat. Foss. B. p. 171.)	France & Germany (Lower Miocene).

LXX. **PELIDNA**, *Cuvier.*
(Sharpe, *t. c.* p. 602.)

1. **alpina** (*Linn.*). (p. 602.)	N. Europe & Asia. Shores of Mediterranean Sea and Indian Ocean (*winter*).

2. **pacifica**, *Coues.* [*americana*, Cass. *nec* Brehm (p. 608).]	N. America. C. America (*winter*). E. Siberia. China (*winter*).

LXXI. LIMICOLA, *Koch.*

(Sharpe, Cat. B. xxiv. p. 612, 1896.)

1. **platyrhyncha** (*Temm.*). (p. 612.)	N. Europe & Siberia. Mediterranean & Red Seas, Indian Peninsula, China to Moluccas (*winter*).

LXXII. GALLINAGO, *Leach.*

(Sharpe, *t. c.* p. 616.)

1. **stenura** (*Kuhl*). (p. 619.)	E. Siberia to the Yenesei. China to Malay Peninsula, Indian Peninsula (*winter*).
2. **megala**, *Swinh.* (p. 624.)	E. Siberia. Japan, China, S. to Molucca Is. (*winter*).
3. **major** (*Gm.*). (p. 626.)	N. Europe to Valley of the Yenesei R. Africa (*winter*).
4. **nigripennis**, *Bp.* (p. 631.)	Tropical Africa.
5. **gallinago** (*Linn.*). (p. 633.)	Europe & N. Asia. Senegambia and N.E. Africa (*winter*). Indian Peninsula to the Malay Peninsula and the Moluccas (*winter*).
6. **delicata** (*Ord*). (p. 642.)	N. America. S. & C. America. W. Indies.
7. **frenata** (*Illiger*). (p. 646.)	S. America.
8. **andina**, *Tacz.* (p. 648.)	Peru.
9. **nobilis**, *Scl.* (p. 648.)	Colombia, Ecuador.
10. **macrodactyla**, *Bp.* (p. 649.)	Madagascar, Mauritius.
11. **paraguayæ** (*V.*). (p. 650.)	S. America. Falkland Is.
12. **australis** (*Lath.*). (p. 652.)	Formosa to Australia (*winter*).

13. **dubia,** *Deichler*, J. f. O. 1897, p. 151.	Japan.
14. **solitaria,** *Hodgs.* (p. 654.)	N.E. Siberia, Japan, Himalayas. China (*winter*).
15. **nemoricola,** *Hodgs.* (p. 657.)	Indian Peninsula, Assam.
16. **gigantea** (*Temm.*). (p. 658.)	Brazil, Paraguay.
17. **undulata** (*Bodd.*). (p. 659.)	Guiana.
18. **stricklandi** (*Gray*). (p. 660.)	Southern S. America.
19. **jamesoni** (*Bp.*). (p. 661.)	W. S. America.
20. **aucklandica,** *Gray.* (p. 661.)	Auckland Is., Antipodes Isl.
21. **huegeli,** *Tristr.* (p. 663.)	Snares Is.
22. **pusilla,** *Buller.* (p. 663.)	Chatham Is.
23. **chathamica,** *Forbes.* (p. 663, note.)	Chatham Is. (Pleistocene).
24. **imperialis,** *Scl. & Salv.* (p. 664.)	Colombia.

LXXIII. **LIMNOCRYPTES,** *Kaup.*
(Sharpe, Cat. B. xxiv. p. 665, 1896.)

1. **gallinula** (*Linn.*). (p. 665.)	N. Europe to E. Siberia. Mediterranean countries, Indian Peninsula, China (*winter*).

LXXIV. **NEOSCOLOPAX,** *Salvad.*
(Sharpe, *t. c.* p. 670.)

1. **rochusseni** (*Schl.*). (p. 670.)	Obi Isl., Moluccas.

LXXV. **SCOLOPAX,** *Linn.*
(Sharpe, *t. c.* p. 671.)

1. **rusticula,** *Linn.* (p. 671.)	Europe & N. Asia. Himalayas. S. Europe, Indian Peninsula, China (*winter*).
2. **saturata,** *Horsf.* (p. 678.)	Java, N.W. & S.E. New Guinea.

LXXVI. **PHILOHELA**, *Gray*.
(Sharpe, Cat. B. xxiv. p. 679, 1896.)

1. **minor** (*Gm.*). (p. 679.) — Temperate N. America.

LXXVII. **PHEGORNIS**, *Gray*.
(Sharpe, *t. c.* p. 681.)

1. **mitchelli** (*Fraser*). (p. 682.) — Chile, Peru.

LXXVIII. **ROSTRATULA**, *V.*
(Sharpe, *t. c.* p. 683.)

1. **capensis** (*Linn.*). (p. 683.). — Africa.
Indian Peninsula,
Burmese Provinces to
China & Japan.
S. to Malay Peninsula.
Greater Sunda Is.

2. **australis** (*Gould*). (p. 690.) — Australia.

3. **semicollaris** (*V.*). (p. 690.) — S. America.

Sub-Family X. *PHALAROPODINÆ.*

(Sharpe, Cat. B. xxiv. p. 693, 1896.)

LXXIX. **CRYMOPHILUS**, *V.*
(Sharpe, *t. c.* p. 693.)

1. **fulicarius** (*Linn.*). (p. 693.) — Arctic Regions.
Southern Oceans (*winter*).

LXXX. **PHALAROPUS**, *Briss.*
(Sharpe, *t. c.* p. 698.)

1. **hyperboreus** (*Linn.*). (p. 698.) — Arctic Regions.
Southern Oceans (*winter*).

LXXXI. **STEGANOPUS**, *V.*
(Sharpe, *t. c.* p. 705.)

1. **tricolor** (*V.*). (p. 705.) — Temperate N. America.
S. America and
Falkland Is. (*winter*).

Sub-Order IV. *PARRÆ.*

(Sharpe, Classif. B. p. 73, 1891.)

Family I. PARRIDÆ.

(Sharpe, Cat. B. xxiv. p. 68, 1896.)

I. HYDROPHASIS, *Sharpe.*

(Sharpe, *t. c.* p. 69.)

1. **chirurgus** (*Scop.*). (p. 69.)	Indian Peninsula. Indo-Chinese countries to Malay Peninsula & Greater Sunda Is.

II. METOPIDIUS, *Wagler.*

(Sharpe, *t. c.* p. 72.)

1. **indicus** (*Lath.*). (p. 72.)	Indian Peninsula, Indo-Chinese countries, Greater Sunda Is.

III. PHYLLOPEZUS, *Sharpe.*

(Sharpe, *t. c.* p. 76.)

1. **africanus** (*Gm.*). (p. 76.)	Africa.
2. **albinucha** (*Is. Geoffr.*). (p. 78.)	Madagascar.

IV. HYDRALECTOR, *Wagler.*

(Sharpe, *t. c.* p. 79.)

1. **gallinaceus** (*Temm.*). (p. 79.)	Australia, Celebes, S. Borneo.
2. **novæ-guineæ** (*Ramsay*). (p. 81.)	New Guinea.

V. JACANA, *Schaeffer.*

(Sharpe, *t. c.* p. 81.)

1. **jacana** (*Linn.*). (p. 82.)	S. America.
2. **melanopygia** (*Scl.*). (p. 84.)	Panama, Colombia.
3. **nigra** (*Gm.*). (p. 84.)	Panama, Colombia, Venezuela.

VI. **ASARCIA**, *Sharpe.*
(Sharpe, Cat. B. xxiv. p. 86, 1896.)

— 1. **variabilis** (*Linn.*). (p. 86.) — S. Texas to Costa Rica.
[*A. spinosa*, Linn.; Coues, Auk, xiv. p. 88, 1897.] — Greater Antilles.

VII. **MICROPARRA**, *Cab.*
(Sharpe, *t. c.* p. 88.)

1. **capensis** (*Smith*). (p. 89.) — S. & E. Africa.

Sub-Order V. *CURSORII.*

(Sharpe, Classif. B. p. 73, 1891.)

Family I. CURSORIIDÆ.

(Sharpe, Cat. B. xxiv. p. 26, pt., 1896.)

I. **ORTYXELUS**, *V.*
(Sharpe, *t. c.* p. 30.)

— 1. **meiffreni** (*V.*). (p. 30.) — W. Africa.
N.E. Africa to Equat. Africa.

II. **PLUVIANUS**, *V.*
(Sharpe, *t. c.* p. 32.)

— 1. **ægyptius** (*Linn.*). (p. 32.) — W. Africa (Senegambia to Coanza R.).
N.E. Africa to Egyptian Delta & Mediterranean countries.

III. **CURSORIUS**, *Lath.*
(Sharpe, *t. c.* p. 34.)

— 1. **gallicus** (*Gm.*). (p. 34.) — Deserts of N. Africa to Canaries and Cape Verde Is.
E. to Afghanistan and N.W. India.

— 2. **somalensis**, *Shelley.* (p. 37.) — Somali-land.

3. **rufus**, *Gould.* (p. 38.)	South Africa.
4. **coromandelicus** (*Gm.*). (p. 38.)	Indian Peninsula, Ceylon.
5. **temmincki**, *Swains.* (p. 41.)	Tropical Africa.

IV. **RHINOPTILUS**, *Strickl.*

(Sharpe, Cat. B. xxiv. p. 43, 1896.)

1. **bicinctus** (*Temm.*). (p. 43.)	South Africa.
2. **bisignatus** (*Hartl.*). (p. 45.)	E. & S.W. Africa.
3. **hartingi**, *Sharpe.* (p. 46.)	Somali-land.
4. **cinctus** (*Heugl.*). (p. 46.)	N.E. & E. Africa.
5. **seebohmi**, *Sharpe.* (p. 47.)	S.W. Africa.
6. **chalcopterus** (*Temm.*). (p. 48.)	Senegambia to N.E. Africa. E. Africa to Eastern Cape Colony & S.W. Africa.
7. **albifasciatus**, *Sharpe.* (p. 49.)	S. & S.W. Africa (Natal to Benguela).
8. **bitorquatus** (*Blyth*). (p. 50.)	Central India.

Family II. GLAREOLIDÆ.

(*Cursoriidæ*, pt., Sharpe, Cat. B. xxiv. p. 26, 1896.)

I. **STILTIA**, *Bp.*

(Sharpe, *t. c.* p. 51.)

1. **isabella** (*V.*). (p. 51.)	Australia to Celebes & Greater Sunda Is.

II. **GLAREOLA**, *Briss.*

(Sharpe, *t. c.* p. 53.)

1. **pratincola** (*Linn.*). (p. 53.)	S. Europe to C. Asia & Indian Peninsula. Africa (*winter*).

2. **melanoptera**, *Nordm.* (p. 57.)	S.E. Europe. Africa (*winter*).
3. **orientalis**, *Leach.* (p. 58.)	E. Siberia, China, Indian Peninsula, Indo-Chinese countries. Malay Peninsula and Archipelago to Australia (*winter*).

III. **GALACTOCHRYSEA**, *Heine & Reichen.*
(Sharpe, Cat. B. xxiv. p. 62, 1896.)

1. **ocularis** (*Verr.*). (p. 62.)	Madagascar. E. Africa.
2. **marchei** (*Oust.*). (p. 726.) [*liberiæ* (Schl.) (p. 63).]	W. Africa (Liberia to Nigeria).
3. **emini** (*Shelley*). (p. 64.)	Equatorial Africa.
4. **nuchalis** (*Gray*). (p. 64.)	Upper White Nile.
5. **cinerea** (*Fraser*). (p. 64.)	West Africa (Nigeria to the Congo).
6. **lactea** (*Temm.*). (p. 65.)	Indian Peninsula to Assam & Manipur. Ceylon.

Family III. DROMADIDÆ.

(*Cursoriidæ*, pt., Sharpe, Cat. B. xxiv. p. 26, 1896.)

I. **DROMAS**, *Paykull.*
(Sharpe, *t. c.* p. 27.)

1. **ardeola**, *Paykull.* (p. 28.)	Shores & Islands of Red Sea and Indian Ocean.

Sub-Order VI. *ŒDICNEMI.*

(Sharpe, Classif. B. p. 73, 1891.)

Family I. ŒDICNEMIDÆ.

(Sharpe, Cat. B. xxiv. p. 2, 1896.)

I. ŒDICNEMUS, *Temm.*

(Sharpe, *t. c.* p. 3.)

1. **œdicnemus** (*Linn.*). (p. 4.)	C. & S. Europe, E. to Central Asia. N.E. Africa, Indian Peninsula, Burmese countries (*winter*).
2. **saharæ**, *Reichen.* * (*œdicnemus*, pt., p. 4.)	Deserts of Northern Africa.
3. **senegalensis**, *Swains.* (p. 10.)	W. Africa (Senegambia to Gaboon). N.E. Africa to Egypt.
4. **vermiculatus**, *Cab.* (p. 11.)	S.E. & S.W. Africa to the Congo. E. Africa to the Victoria Nyanza.
5. **büttikoferi**, *Reichen.*, Orn. MB. 1898, p. 182.	Liberia.
6. **bistriatus** (*Wagler*). (p. 12.)	C. America to Colombia, Guiana & Amazonia.
7. **dominicensis**, *Cory.* (p. 14.)	San Domingo.
8. **superciliaris**, *Tschudi.* (p. 14.)	Western Peru.
9. **capensis**, *Licht.* (p. 15.)	S. & S.W. Africa. E. Africa.
10. **affinis**, *Rüpp.* (p. 17.)	N.E. Africa. Equatorial Africa.

* Dr. Reichenow writes to me that he considers *Œ. saharæ* to be a distinct species, so that I have reinstated it in the 'Hand-list' for the present. Personally, I do not believe it to be distinct, any more than I do *Œ. indicus* (*cf.* Cat. B. p. 6), though Dr. Bianchi writes that he considers this form also to be quite recognizable.

II. **BURHINUS**, *Illiger*.
(Sharpe, Cat. B. xxiv. p. 18, 1896.)

1. **grallarius** (*Lath.*). (p. 18.) — Australia.

III. **ESACUS**, *Less.*
(Sharpe, *t. c.* p. 20.)

1. **recurvirostris** (*Cuv.*). (p. 20.) — Indian Peninsula, Ceylon, Burmese Provinces.

IV. **ORTHORHAMPHUS**, *Salvad.*
(Sharpe, *t. c.* p. 22.)

1. **magnirostris** (*V.*). (p. 22.) — Australia to Bismarck Archipelago, and N. to Borneo & Is. of Bay of Bengal.

V. **Milnea**, *Lydekker*.
(Lydekker, Cat. Foss. B. p. 169, 1891.)

1. **gracilis**, *Lydekker*. (L., p. 169.) — France (Lower Miocene).

Sub-Order VII. *OTIDES*.

(Sharpe, Classif. B. p. 73, 1891.)

Family I. **OTIDIDÆ**.

(Sharpe, Cat. B. xxiii. p. 282, 1894.)

I. **OTIS**, *Linn.*
(Sharpe, *t. c.* p. 283.)

1. **tarda**, *Linn.* (p. 284.) — S. & C. Europe.
N. Africa.
C. Asia.
N.W. India (*winter*).

2. **dybowskii**, *Tacz.* (p. 286.) — E. Siberia.
Manchuria, Corea, Japan,
C. China (*winter*).

3. **affinis**, *Lydekker*. (p. 285, note.) — Bavaria (Middle Miocene).

4. **agilis**, *Milne-Edw.* (Lydekker, Cat. Foss. B. p. vii.) — France (Allier) (Lower Miocene).

II. TETRAX, *Leach.*

(Sharpe, Cat. B. xxiii. p. 287, 1894.)

1. **tetrax** (*Linn.*). (p. 287.)	S. Europe. N. Africa. C. Asia. N.W. India (*winter*).

III. LOPHOTIS, *Reichenb.*

(Sharpe, *t. c.* p. 290.)

1. **ruficrista** (*Smith*). (p. 291.)	S.E. Africa to Transvaal & Benguela.
2. **gindiana** (*Oust.*). (p. 292.)	Somali-land, Equatorial Africa to Kilimanjaro.

IV. COMPSOTIS, *Heine.*

(Sharpe, *t. c.* p. 293.)

1. **afra** (*Forst.*). (p. 293.)	S. Africa.
2. **leucoptera** (*Reichenb.*). (p. 294.)	S.E. Africa.

V. HETEROTETRAX, *Sharpe.*

(Sharpe, *t. c.* p. 296.)

1. **vigorsi** (*Smith*). (p. 296.)	S. Africa.
2. **rueppelli** (*Wahlb.*). (p. 297.)	S.W. Africa (Benguela to Namaqua-land).
3. **humilis** (*Blyth*). (p. 298.)	Somali-land.

VI. NEOTIS, *Sharpe.*

(Sharpe, *t. c.* p. 298.)

1. **ludwigi** (*Rüpp.*). (p. 299.)	S. Africa.
2. **burchelli** (*Heugl.*). (p. 300.)	N.E. Africa.
3. **caffra** (*Licht.*). (p. 301.)	S. Africa to Benguela. E. Africa to Albert Nyanza.
4. **denhami** (*Childr.*). (p. 302.)	C. Soudan to Senaar, Djur Country.
5. **heuglini** (*Hartl.*). (p. 303.)	Somali-land.

VII. LISSOTIS, *Reichenb.*

(Sharpe, Cat. B. xxiii. p. 304, 1894.)

1. **nuba** (*Cretzschm.*). (p. 305.)	N.E. Africa.
2. **melanogaster** (*Rüpp.*). (p. 306.)	Senegambia to Benguela, N.E. Africa, E. Africa, S. to Natal.
3. **hartlaubi** (*Heugl.*). (p. 307.)	N.E. Africa, E. Africa. Natal.

VIII. TRACHELOTIS, *Reichenb.*

(Sharpe, *t. c.* p. 308.)

1. **cærulescens** (*V.*). (p. 308.)	S. Africa.
2. **canicollis** (*Reichen.*). (p. 309.)	Shoa, Somali-land, E. Africa.
3. **senegalensis** (*V.*). (p. 310.)	Senegambia, N.E. Africa.
4. **barrowi** (*J. E. Gray*). (p. 311.)	S. Africa (Natal to Zambesi R.).

IX. SYPHEOTIS, *Less.*

(Sharpe, *t. c.* p. 312.)

1. **indica** (*Gm.*). (p. 313.)	Indian Peninsula.

X. HOUBAROPSIS, *Sharpe.*

(Sharpe, *t. c.* p. 315.)

1. **bengalensis** (*Gm.*). (p. 315.)	Indian Peninsula.

XI. HOUBARA, *Bp.*

(Sharpe, *t. c.* p. 318.)

1. **macqueeni** (*Gray & Hardw.*). (p. 318.)	N.W. India, C. Asia, Persia. Europe (*acc.*).

2. **undulata** (*Jacq.*). (p. 320.)	Mediterranean countries, E. to Armenia.
3. **fuerteventuræ**, *Rothsch. & Hartert*, Nov. Zool. i. p. 689 (1894).	Fuerteventura Isl., Madeira.

XII. **EUPODOTIS**, *Less.*

(Sharpe, Cat. B. xxiii. p. 322, 1894.)

1. **arabs** (*Linn.*). (p. 322.)	N. Africa. N.E. Africa. Arabia.
2. ? **rhaad** (*Lath.*). (p. 310, note.)	Barbary.
3. **kori** (*Burch.*). (p. 324.)	S. Africa to Benguela. E. Africa, Shoa, Somali-land.
4. **edwardsi** (*Gray & Hardw.*). (p. 325.)	Indian Peninsula.
5. **australis** (*J. E. Gray*). (p. 328.)	Australia.

Order XVI. GRUIFORMES.

(Sharpe, Classif. B. p. 74, 1891.)

Sub-Order I. *GRUES.*

(Sharpe, *t. c.* p. 74.)

Family I. **GRUIDÆ.**

(Sharpe, Cat. B. xxiii. p. 248, 1894.)

I. **GRUS**, *Pallas.*

(Sharpe, *t. c.* p. 249.)

1. **grus** (*Linn.*). (p. 250.)	Europe. N. & N.E. Africa (*winter*).
2. **lilfordi**, *Sharpe.* (p. 252.)	E. Siberia, west to River Ob. N.W. India (*winter*).
3. **mexicana** (*P. L. S. Müll.*). (p. 254.)	U. States to Mexico.

4. **canadensis** (*Linn.*). (p. 256.)	N.E. Siberia. Arctic America. W. U. States (*winter*).
— 5. **monachus**, *Temm.* (p. 257.)	E. Siberia, S. Japan. China (*winter*).
6. **nigricollis**, *Przew.* (p. 258.)	Koko-nor.
— 7. **japonensis** (*P. L. S. Müll.*). (p. 258.)	E. Siberia, Corea, Japan. C. China (*winter*).
8. **primigenia**, *Milne-Edw.* (Lydekker, Cat. Foss. B. p. 161, 1891).	France (Pleistocene).
9. **turfa**, *Portis*, Mem. R. Accad. Torino, (2) xxxvi. p. 372 (1884).	Italy (Pleistocene).
10. **melitensis**, *Lydekker*, P. Z. S. 1890, p. 408; id. Cat. Foss. B. p. 162.	Malta (Pleistocene).
11. **pentelici**, *Gaudry*, C. R. liv. p. 504 (1861). (Lydekker, Cat. Foss. B. p. 164.)	Greece (Lower Pliocene).
12. **excelsa**, *Milne-Edw.*, Ois. Foss. France, ii. p. 24 (1869). (Lydekker, *t. c.* p. 164.)	France (Lower Miocene).
13. **problematica**, *Milne-Edw. t. c.* p. 30. (Lydekker, *t. c.* p. 164.)	France (Lower Miocene).
14. **hordwelliensis**, *Lydekker*, Cat. Foss. B. p. 165.	England (Upper Eocene).
15. **princeps** (*Portis*). (Cat. B. xxiii. p. 276.)	Italy (Upper Eocene).
17. **proavus**, *Marsh.* (p. 276.)	New Jersey, U.S.A. (Pleistocene).
18. **haydeni**, *Marsh.* (p. 276.)	Nebraska, U.S.A. (Pliocene).

II. **LIMNOGERANUS**, *Sharpe.*
(Sharpe, Cat. B. xxiii. p. 259, 1894.)

1. **americanus** (*Linn.*). (p. 259.)	Int. N. America. Florida, Texas, & Mexico (*winter*).

III. **SARCOGERANUS**, *Sharpe.*
(Sharpe, *t. c.* p. 261.)

1. **leucogeranus** (*Pall.*). (p. 261.)	S.E. Europe. N. & C. Asia to Japan. China & N.W. India (*winter*).

IV. **ANTIGONE**, *Reichenb.*
(Sharpe, *t. c.* p. 262.)

1. **antigone** (*Linn.*). (p. 264.) [*A. collaris* (Bodd.) (Cat. p. 262).]	N. & C. India.
2. **sharpei**, *Blanf.*, Bull. Brit. Orn. Club, v. p. vi (1895).	Burma & Cochin China, Malay Peninsula.
3. **australasiana** (*Gould*). (p. 265.)	E. Australia.

V. **PSEUDOGERANUS**, *Sharpe.*
(Sharpe, *t. c.* p. 266.)

1. **leucauchen** (*Temm.*). (p. 266.)	E. Siberia, Corea, Japan. C. China (*winter*).

VI. **BUGERANUS**, *Gloger.*
(Sharpe, *t. c.* p. 267.)

1. **carunculatus** (*Gm.*). (p. 267.)	S. Africa to Zambesi and Benguela. Shoa. Somali-land.

VII. **TETRAPTERYX**, *Thunb.*
(Sharpe, *t. c.* p. 268.)

1. **paradisea** (*Licht.*). (p. 268.)	S. Africa (Cape Colony to Mashona-land and Damara-land).

VIII. ANTHROPOIDES, *V.*

(Sharpe, Cat. B. xxiii. p. 269, 1894.)

1. **virgo** (*Linn.*). (p. 269.)	S. Europe. C. Asia to N. China. N. & N.E. Africa and N.W. India (*winter*).

IX. BALEARICA, *Briss.*

(Sharpe, *t. c.* p. 272.)

1. **pavonina** (*Linn.*). (p. 272.)	W. Africa to N.E. and Equat. Africa.
2. **regulorum** (*Benn.*). [*chrysopelargus* (Licht.) (p. 274.)*]	S. Africa to the Zambesi and Coanza rivers.
3. **gibbericeps**, *Reichen.* (p. 275.)	E. Africa.

X. Geranopsis, *Lydekker.*

(Sharpe, *t. c.* p. 277.)

1. **hastingsiae**, *Lydekker.* (p. 277.)	S. England (Upper Eocene).
2. **elata**, *Milne-Edw.* (p. 277.)	S. France (Oligocene).

XI. Aletornis, *Marsh.*

(Sharpe, *t. c.* p. 277.)

1. **nobilis**, *Marsh.* (p. 277.)	Wyoming, U.S.A. (Eocene ?).
2. **pernix**, *Marsh.* (p. 277.)	Wyoming (Eocene ?).
3. **venustus**, *Marsh.* (p. 277.)	Wyoming (Eocene ?).
4. **gracilis**, *Marsh.* (p. 277.)	Wyoming (Eocene ?).
5. **bellus**, *Marsh.* (p. 277.)	Wyoming (Eocene ?).

* *Cf.* Reichenow, Orn. MB. vi. p. 119 (1898).

Sub-Order II. *ARAMI.*

(Sharpe, Classif. B. p. 74, 1891.)

Family I. **ARAMIDÆ.**

(Sharpe, Cat. B. xxiii. p. 236, 1894.)

I. **ARAMUS**, *V.*
(Sharpe, *t. c.* p. 237.)

1. **scolopaceus** (*Gm.*). (p. 237.) — Brazil, Guiana, Venezuela.

2. **giganteus** (*Bp.*).
[*pictus* (Bartr.). (p. 238.)] — Florida. C. America. Greater Antilles. ? Ecuador.

Sub-Order III. *RHINOCHETES.*

(Sharpe, Classif. B. p. 74, 1891.)

Family I. **RHINOCHETIDÆ.**

(Sharpe, Cat. B. xxiii. p. 246, 1894.)

I. **RHINOCHETUS**, *J. Verr. & Des Murs.*
(Sharpe, *t. c.* p. 246.)

1. **jubatus**, *J. Verr. & Des Murs.* (p. 246.) — New Caledonia.

Sub-Order IV. *MESŒNATIDES.*

(Sharpe, Classif. B. p. 74, 1891.)

Family I. **MESŒNATIDÆ.**

(Sharpe, Cat. B. xxiii. p. 244, 1894.)

I. **MESŒNAS**, *Reichenb.*
[*Mesites*, Geoffr. nec Schönh. (Sharpe, *t. c.* p. 244).]

1. **variegata**, *Geoffr.* (p. 244.) — Madagascar.

Sub-Order V. *EURYPYGÆ.*

(Sharpe, Classif. B. p. 74, 1891.)

Family I. EURYPYGIDÆ.

(Sharpe, Cat. B. xxiii. p. 240, 1894.)

I. **EURYPYGA**, *Illiger.*
(Sharpe, *t. c.* p. 240.)

— 1. **helias** (*Pall.*). (p. 240.)	Brazil, Amazonia, Bolivia, Guiana, Venezuela.
— 2. **major**, *Hartl.* (p. 242.)	C. America, Colombia, Ecuador.

Sub-Order VI. *PSOPHIÆ.*

(Sharpe, Classif. B. p. 74, 1891.)

Family I. PSOPHIIDÆ.

(Sharpe, Cat. B. xxiii. p. 278, 1894.)

I. **PSOPHIA**, *Linn.*
(Sharpe, *t. c.* p. 278.)

— 1. **crepitans**, *Linn.* (p. 279.)	British Guiana, Amazonia.
2. **napensis**, *Scl. & Salv.* (p. 280.)	Ecuador.
3. **leucoptera**, *Spix.* (p. 280.)	Upper Amazonia. Peru.
4. **ochroptera**, *Pelz.* (p. 281.)	Rio Negro, Amazonia.
5. **viridis**, *Spix.* (p. 281.)	Amazonia.
6. **obscura**, *Pelz.* (*Cf.* Finsch, Notes Leyden Mus. xx. p. 81, 1898.)	Amazonia.
7. **cantatrix**, *Blasius.* (p. 278, note.)	Bolivia.

Sub-Order VII. *DICHOLOPHI.*

(Sharpe, Classif. B. p. 74, 1891.)

Family I. **CARIAMIDÆ.**

I. **CARIAMA**, *Briss.*
(Sharpe, Cat. B. i. p. 42, 1874.)

1. **cristata**, *Linn.* (p. 42.) — Brazil, Paraguay

II. **CHUNGA**, *Burm.*
(*Cariama*, pt., Sharpe, *t. c.* p. 42.)

1. **burmeisteri** (*Hartl.*). (p. 43.) — N. Argentina.

Order XVII. STEREORNITHES.

(Moreno & Mercerat, Enum. Ois. Foss. Argent., Rev. Argent. d'Hist. Nat. i. p. 20, 1891.)

Family I. **PHORORHACIDÆ.**

[*Phorhorhacidæ*, Amegh., Bol. Inst. Geogr. Argent. xv. pp. 10–39, 1895.]

I. **Phororhacus**, *Amegh.*
(Amegh., Enum. Sist. p. 24, 1887.)

[Syn. *Palæociconia*, *Mesembriornis*, *Stereornis*, *Patagornis*, *Dryornis*, *Darwinornis*, *Owenornis*, *Psilopterus* (pt.), *Titanornis*, *Stephanornis*, Moreno & Mercerat: teste Ameghino, Bol. Inst. Geogr. Argent. xv. pp. 10, 11, 1895.]

1. **inflatus**, *Amegh.*, Bol. Inst. Geogr. Argent. xv. p. 31 (1895). — Patagonia (Miocene).

2. **longissimus**, *Amegh. t. c.* p. 39. — Patagonia (Miocene).

3. **schuenzis**, *Amegh. t. c.* p. 47. — Patagonia (Miocene).

4. **platygnathus**, *Amegh. t. c.* p. 49. — Patagonia (Miocene).

5. **modicus**, *Amegh. t. c.* p. 50. Patagonia (Miocene).

6. **delicatus**, *Amegh. t. c.* p. 51. Patagonia (Miocene).

II. **Pelecyornis**, *Amegh.*
(Amegh., Rev. Argent. H. N. i. p. 448, 1891.)

1. **australis** (*Moreno & Mercerat*). Patagonia (Miocene).
(Ameghino, Bol. Inst. Geogr. Argent. xv. p. 58, 1895.)

2. **tubulatus**, *Amegh.*, Bol. Inst. Geogr. Argent. xv. p. 62 (1895). Patagonia (Miocene).

3. **minutus**, *Amegh.*, Rev. Argent. H. N. i. p. 449 (1891). Patagonia (Miocene).

III. **Brontornis**, *Moreno & Mercerat.*
(Ameghino, Bol. Inst. Geogr. Argent. xv. p. 63, 1895.)

1. **burmeisteri**, *Mor. & Merc.* (Amegh. *t. c.* p. 64.) Patagonia (Miocene).

2. **platyonyx**, *Amegh. t. c.* p. 69. Patagonia (Miocene).

IV. **Liornis**, *Amegh.*
(Amegh. *t. c.* p. 72, 1895.)

1. **flowerí**, *Amegh. t. c.* p. 73. Patagonia (Miocene).

V. **Callornis**, *Amegh.*
(Amegh. *t. c.* p. 76, 1895.)

1. **giganteus**, *Amegh. t. c.* p. 78. Patagonia (Miocene).

VI. **Physornis**, *Amegh.*
(Amegh. *t. c.* p. 78, 1895.)

1. **fortis**, *Amegh. t. c.* p. 78. Patagonia (Miocene).

VII. **Lophiornis**, *Amegh.*
(Amegh. *t. c.* p. 80, 1895.)

1. **obliquus**, *Amegh. t. c.* p. 79. Patagonia (Miocene).

VIII. **Ameghinia.**
[*Pseudolarus* (vox hybrida), Amegh., Bol. Inst. Geogr. Argent. xv. p. 80, 1895.]

1. **coccanus**, *Amegh. t. c.* p. 80. Patagonia (Miocene).

IX. **Staphylornis**, *Moreno & Mercerat.*
(An. Soc. Argent. xliii. p. 233, 1897.)

1. **gallardoi**, *Mor. & Merc. t. c.* p. 233. Patagonia (Miocene)

2. **critharus**, *Mor. & Merc. t. c.* p. 235. Patagonia (Miocene).

Family II. OPISTHODACTYLIDÆ.

I. **Opisthodactylus**, *Amegh.*
(Amegh., Bol. Inst. Geogr. Argent. xv. p. 81, 1895.)

1. **patagonicus**, *Amegh. t. c.* p. 82. Patagonia (Miocene).

Order XVIII. ARDEIFORMES.

(*Pelargiformes*, Sharpe, Classif. B. p. 75, 1891.)

Sub-Order I. *PLATALEÆ.*

(Sharpe, Cat. B. xxvi. p. 1, 1898.)

Family I. IBIDIDÆ.

(Sharpe, *t. c.* p. 2.)

1. **IBIS**, *Cuv.*
(Sharpe, *t. c.* p. 4.)

— 1. **æthiopica** (*Lath.*). (p. 4.) Africa, E. to Persian Gulf.

— 2. **bernieri** (*Bp.*). (p. 7.) Madagascar.

3. **abbotti**, *Ridgw.* (p. 264.) Aldabra Isl.

4. **melanocephala** (*Lath.*). (p. 7.)	Indian Peninsula, Ceylon. Indo-Chinese countries to China and Japan. Java.
5. **molucca**, *Cuv.* (p. 9.)	Australia, New Guinea, Salawati, Waigiou, Ceram.

II. **Ibidipodia**, *Milne-Edw.*
(Lydekker, Cat. Foss. B. p. 74, 1891.)

1. **palustris**, *Milne-Edw.* (L., p. 74.)	France (Lower Miocene).

III. **Ibidopsis**, *Lydekker.*
(Lydekker, *t. c.* p. 74.)

1. **hordwelliensis**, *Lydekker.* (L., p. 74.)	England (Upper Eocene).

IV. **Protibis**, *Amegh.*
(Amegh., Rev. Argent. i. p. 445, 1891.)

1. **cnemialis**, *Amegh. l. c.*	Patagonia (Miocene).

V. **CARPHIBIS**, *Reichenb.*
(Sharpe, Cat. B. xxvi. p. 11, 1898.)

1. **spinicollis** (*Jameson*). (p. 11.)	Australia.

VI. **INOCOTIS**, *Reichenb.*
(Sharpe, *t. c.* p. 12.)

1. **papillosa** (*Temm.*). (p. 12.)	Indian Peninsula. Borneo.

VII. **THAUMATIBIS**, *Elliot.*
(Sharpe, *t. c.* p. 14, note.)

1. **gigantea**, *Oust.* (p. 14, note.)	Cochin China.

VIII. **GRAPTOCEPHALUS**, *Elliot.*
(Sharpe, *t. c.* p. 14.)

1. **davisoni** (*Hume*). (p. 14.)	Burmese Provinces, Siam, Cochin China.

IX. NIPPONIA, *Reichenb.*

(Sharpe, Cat. B. xxvi. p. 15, 1898.)

1. **nippon** (*Temm.*). (p. 15.)	S.E. Siberia, Japan, China, Formosa, Hainan.

X. COMATIBIS, *Reichenb.*

(Sharpe, *t. c.* p. 16.)

1. **comata**, *Ehrenb.* (p. 16. [*eremita*, Linn. *Cf.* Rothschild, Hartert, and Kleinschmidt, Nov. Zool. iv. pp. 371–375, pls. viii.–x.]	Asia Minor. N.E. Africa.

XI. GERONTICUS, *Wagler.*

(Sharpe, *t. c.* p. 17.)

1. **calvus** (*Bodd.*). (p. 17.)	S. Africa.

XII. BOSTRYCHIA, *Reichenb.*

(Sharpe, *t. c.* p. 18.)

1. **carunculata** (*Rüpp.*). (p. 18.)	N.E. Africa.

XIII. HAGEDASHIA, *Bp.*

(Sharpe, *t. c.* p. 19.)

1. **hagedash** (*Lath.*). (p. 19.)	Tropical Africa.

XIV. THERISTICUS, *Wagler.*

(Sharpe, *t. c.* p. 21.)

1. **melanopsis** (*Gm.*). (p. 21.)	Central Brazil to Peru, Chile, and the Straits of Magellan.
2. **caudatus** (*Bodd.*). (p. 23.)	British Guiana.

XV. MOLYBDOPHANES, *Reichenb.*

(Sharpe, *t. c.* p. 24.)

1. **cærulescens** (*V.*). (p. 24.)	Central Brazil to Argentina & Paraguay.

XVI. **HARPIPRION**, *Wagler.*
(Sharpe, Cat. B. xxvi. p. 25, 1898.)

1. **cayennensis** (*Gm.*). (p. 25.)	S. Brazil to Guiana, Colombia, Ecuador, and Panama.

XVII. **PHIMOSUS**, *Wagler.*
(Sharpe, *t. c.* p. 26.)

1. **infuscatus** (*Licht.*). (p. 26.)	Argentina, Brazil, N. to Colombia.

XVIII. **LOPHOTIBIS**, *Reichenb.*
(Sharpe, *t. c.* p. 27.)

1. **cristata** (*Bodd.*). (p. 27.)	E. & N.E. Madagascar.

XIX. **CERCIBIS**, *Wagler.*
(Sharpe, *t. c.* p. 28.)

1. **oxycerca** (*Spix*). (p. 28.)	N. Amazonia, British Guiana.

XX. **PLEGADIS**, *Kaup.*
(Sharpe, *t. c.* p. 29.)

1. **falcinellus** (*Linn.*). (p. 29.)	S. Europe to India, China, and Australia. Africa. Eastern U. States to Florida. Jamaica.
2. **guarauna** (*Linn.*). (p. 34.)	Oregon to Southern U. States, throughout S. America. Greater Antilles. Hawaiian Archipelago.
3. **ridgwayi** (*Allen*). (p. 37.)	Peru, Bolivia.

XXI. **LAMPRIBIS**, *Elliot.*
(Sharpe, *t. c.* p. 38.)

1. **rara**, *Rothsch., Hartert, & Kleinschm.* [*olivacea* (nec Du Bus) (p. 266).]	West Africa (Liberia to Gaboon, Prince's Isl.).

XXII. **EUDOCIMUS**, *Wagler*.

(Sharpe, Cat. B. xxvi. p. 39, 1898.)

1. **albus** (*Linn.*). (p. 39.)	Southern U. States to Central America, Amazonia, and Peru. Greater Antilles.
2. **ruber** (*Linn.*). (p. 41.)	Upper Amazonia. Guiana to Greater Antilles and Southern U. States.
3. **paganus** (*Milne-Edw.*). (Lydekker, Cat. Foss. B. p. 72.)	France (Lower Miocene).

Family II. **PLATALEIDÆ.**

(Sharpe, Cat. B. xxvi. p. 43, 1898.)

I. **PLATALEA**, *Linn.*

(Sharpe, *t. c.* p. 43.)

1. **leucerodia**, *Linn.* (p. 44.)	C. & S. Europe to C. Asia Japan, China, Indian Peninsula. E. Africa.
2. **regia**, *Gould.* (p. 47.)	Australia to the Moluccas. ? S. Borneo.
3. **alba**, *Scop.* (p. 49.)	Tropical Africa. Madagascar.
4. **minor**, *Temm. & Schl.* (p. 50.)	Corea, Japan, China, Formosa.

II. **PLATIBIS**, *Bp.*

(Sharpe, *t. c.* p. 51.)

1. **flavipes** (*Gould*). (p. 51.)	Australia
2. **subtenuis**, *De Vis*, Proc. Linn. Soc. N.S.W. (2) vi. p. 443 (1892).	Queensland (Pleistocene).

III. **AJAJA**, *Reichenb.*
(Sharpe, Cat. B. xxvi. p. 52, 1898.)

1. **ajaja** (*Linn.*). (p. 52.)	S.E. United States. Central & S. America to Argentina.

Sub-Order II. *CICONIÆ.*
(Sharpe, Classif. B. p. 75, 1891.)

Family I. **CICONIIDÆ.**
(Sharpe, Cat. B. xxvi. p. 291, 1898.)

Sub-Family I. *TANTALINÆ.*
(Sharpe, *t. c.* p. 321.)

I. **TANTALUS**, *Linn.*
(Sharpe, *t. c.* p. 321.)

1. **loculator**, *Linn.* (p. 321.)	S. United States. C. & S. America.

II. **PSEUDOTANTALUS**, *Ridgway.*
(Sharpe, *t. c.* p. 323.)

1. **leucocephalus** (*Gm.*). (p. 323.)	Indian Peninsula, Indo-Chinese countries, China.
2. **cinereus** (*Raffl.*). (p. 326.)	Malay Peninsula, Java, Sumatra.
3. **ibis** (*Linn.*). (p. 327.)	Tropical Africa, Madagascar.
4. **milne-edwardsi**, *Shufeldt*, Proc. Acad. Nat. Sci. Philad. 1896, p. 513.	France (Middle Miocene).

Sub-Family II. *CICONIINÆ.*

(Sharpe, Cat. B. xxvi. p. 291, 1898.)

I. **ABDIMIA**, *Bp.*

(Sharpe, *t. c.* p. 292.)

1. **abdimi** (*Licht.*). (p. 292.)	Tropical Africa. Arabia, Spain.

II. **DISSÒURA**, *Cab.*

(Sharpe, *t. c.* p. 294.)

1. **episcopus** (*Bodd.*). (p. 294.)	Tropical Africa. Indian Peninsula, Ceylon, Indo-Chinese countries, Malay Peninsula, Indo-Malayan Is., Celebes.
2. **stormi** (*W. Blasius*, MT. Ges. Lübeck, 1896, p. 120).	S. Borneo.

III. **EUXENURA**, *Ridgway.*

(Sharpe, *t. c.* p. 297.)

1. **maguari** (*Gm.*). (p. 297.)	S. America.

IV. **CICONIA**, *Briss.*

(Sharpe, *t. c.* p. 298.)

1. **ciconia** (*Linn.*). (p. 299.)	Europe to C. Asia. Africa (*winter*). N. India (*winter*).
2. **boyciana**, *Swinh.* (p. 302.)	E. Siberia, Corea, Japan.
3. **nigra** (*Linn.*). (p. 303.) [*chrysopelargus*, Licht. *Cf.* Reichen. Orn. MB. vi. p. 119, 1898.]	Europe to Mongolia and China. Indian Peninsula (*winter*). Africa (*winter*).

V. **ANASTOMUS**, *Bonn.*
(Sharpe, Cat. B. xxvi. p. 306, 1898.)

1. **oscitans** (*Bodd.*). (p. 306.) — Indian Peninsula, Ceylon, Cochin China.

2. **lamelligerus**, *Temm.* (p. 308.) — Tropical Africa. Madagascar.

VI. **XENORHYNCHUS**, *Bp.*
(Sharpe, *t. c.* p. 310.)

1. **asiaticus** (*Lath.*). (p. 310.) — Indian Peninsula, Burma, Malay Peninsula, New Guinea, N. Australia.

2. **nanus**, *De Vis.* (p. 310, note.) — Queensland (Pleistocene).

VII. **EPHIPPIORHYNCHUS**, *Bp.*
(Sharpe, *t. c.* p. 312.)

1. **senegalensis** (*Shaw*). (p. 312.) — Tropical Africa.

VIII. **MYCTERIA**, *Linn.*
(Sharpe, *t. c.* p. 314.)

1. **americana**, *Linn.* (p. 314.) — S. America. Mexico, N. to Texas.

IX. **LEPTOPTILUS**, *Less.*
(Sharpe, *t. c.* p. 315.)

1. **dubius** (*Gm.*). (p. 315.) — Indian Peninsula, Indo-Chinese countries.

2. **javanicus** (*Horsf.*). (p. 317.) — Indian Peninsula, Ceylon, Indo-Chinese countries to Hainan. Malayan Peninsula, Greater Sunda Is.

3. **crumeniferus** (*Less.*). (p. 319.) — Tropical Africa.

4. **falconeri** (*Milne-Edw.*). (Lydekker, Cat. Foss. B. p. 63, 1891.) India (Lower Pliocene).

X. Propelargus, *Lydekker.*

(Lydekker, Cat. Foss. B. p. 65.)

1. **caplurensis**, *Lydekker, t. c.* p. 66. France (Upper Eocene).

2. **sp.**, *Lydekker, t. c.* p. 66. France (Lower Miocene).

XI. Prociconia, *Amegh.*

(Amegh., Rev. Argent. i. p. 445, 1891.)

1. **lydekkeri**, *Amegh. l. c.*
[*Palæociconia australis*, Lydekker, Cat. Foss. B. p. 64, 1891 (*nec* Moreno).] S. Brazil (Pleistocene).

XII. Palaeopelargus, *De Vis.*

(De Vis, Proc. Linn. Soc. N.S.W. (2) vi. p. 441, 1892.)

1. **nobilis**, *De Vis, l. c.* Queensland (Pleistocene).

XIII. Pelargodes, *Lydekker.*

[*Pelargopsis* (*nec* Gloger), Lydekker, Cat. Foss. B. p. 67, 1891.
Pelargodes, Lydekker, P. Z. S. 1891, p. 477.
Pelargocrex, Milne-Edw. Bull. B. O. C. i. p. liv, 1893.]

1. **magna** (*Milne-Edw.*) (L., p. 68.) France (Lower Miocene).

XIV. Amphipelargus, *Lydekker.*

(Lydekker, *t. c.* p. 68.)

1. **majori**, *Lydekker, t. c.* p. 69. Isl. of Samos (Pliocene).

Sub-Order III. *SCOPI.*

(Sharpe, Classif. B. p. 75, 1891.)

Family I. **SCOPIDÆ.**

(Sharpe, Cat. B. xxvi. p. 288, 1898.)

I. **SCOPUS,** *Gm.*
(Sharpe, *t. c.* p. 288.)

1. **umbretta,** *Gm.* (p. 288.) — Tropical Africa, Arabia, Madagascar.

Sub-Order IV. *BALÆNICIPITES.*

(Sharpe, Classif. B. p. 75, 1891.)

Family I. **BALÆNICIPITIDÆ.**

(Sharpe, Cat. B. xxvi. p. 287, 1898.)

I. **BALÆNICEPS,** *Gould.*
(Sharpe, *t. c.* p. 287.)

1. **rex,** *Gould.* (p. 287.) — Upper White Nile.

Sub-Order V. *ARDEÆ.*

(Sharpe, Classif. B. p. 75, 1891.)

Family I. **ARDEIDÆ.**

(Sharpe, Cat. B. xxvi. p. 56, 1898.)

I. **PYRRHERODIAS,** *Finsch & Hartl.*, Vög. Ost-Afr. p. 676 (1870).
[*Phoyx*, Stejn. (Sharpe, *t. c.* p. 60.)]

1. **purpurea** (*Linn.*). (p. 60.) — Europe to C. Asia, Africa, Madagascar.

2. **manillensis** (*Meyen*). (p. 64.)	Indian Peninsula, Ceylon, China, Malay Peninsula, Greater Sunda Is., Celebes.

II. ARDEA, *Linn.*

(Sharpe, Cat. B. xxvi. p. 66, 1898.)

1. **goliath,** *Cretzschm.* (p. 66.)	Tropical Africa. India (*occ.*).
2. **sumatrana,** *Raffl.* (p. 68.)	Aracan, Tenasserim, Malay Peninsula, Sunda Is., Celebes, Australia.
3. **insignis,** *Hume.* (p. 70.)	E. Himalayas.
4. **humbloti,** *Milne-Edw. & Grand.* (p. 70.)	E. Madagascar.
5. **melanocephala,** *Vig. & Childr.* (p. 70.)	Tropical Africa. Mediterranean countries (*occ.*).
6. **cocoi,** *Linn.* (p. 72.)	S. America.
7. **cinerea,** *Linn.* (p. 74.)	Europe. Asia. Africa. Australia.
8. **herodias,** *Linn.* (p. 80.)	N. America, C. America, W. Indies, Venezuela, Colombia, Galapagos Is.
9. **wuerdemanni,** *Baird.* (p. 80, note.)	S. Florida.
10. **wardi,** *Ridgw.* (p. 80, note.)	Florida.
11. **occidentalis,** *Audub.* (p. 84.)	S. Florida, Greater Antilles.
12. **perplexa.** *Milne-Edw.* (Lydekker, Cat. Foss. B. p. 60.)	France (Middle Miocene).
13. **similis.** *Fraas.* (L., p. 60.)	Bavaria (Middle Miocene).
14. **paloccidentalis.** *Shufeldt,* Journ. Acad. Nat. Sci. Philad. ix. p. 411, pl. xvii. fig. 31 (1892).	Oregon (Pliocene).
15. **megacephala.** *Milne-Edw.*, Ann. Sci. Nat. (5) xix. p. 10, pl. xiv. (1874).	Rodriguez (Pleistocene).

16. **omissa**, *Milne-Edw.*, C. R. II. Congr. Orn. ii. p. 73 (1892). — S. France (Eocene).

III. **Ardeacites**, *Haushalter.*
(Lydekker, Cat. Foss. B. p. 363, 1891.)

1. **molassicus**, *Haush.* (L., p. 363.) — Germany (Middle Miocene).

IV. **Proherodius**, *Lydekker.*
(Lydekker, Cat. Foss. B. p. 60, 1891.)

1. **oweni**, *Lydekker, l. c.* p. 60. — England (Lower Eocene).

V. **MESOPHOYX**, *Sharpe.*
(Sharpe, Cat. B. xxvi. p. 85, 1898.)

1. **intermedia**, *Wagl.* (p. 85.) — Indian Peninsula, China, Japan, Malayan Archipelago.

2. **brachyrhyncha** (*Brehm*). (p. 87.) — N.E. Africa to S. Africa.

3. **plumifera** (*Gould*). (p. 87.) — Australia, New Guinea. Moluccas, Celebes.

VI. **HERODIAS**, *Boie.*
(Sharpe, *t. c.* p. 88.)

1. **alba** (*Linn.*). (p. 90.) — S. Europe to C. Asia. Indian Peninsula, Burmese countries. Africa.

2. **egretta** (*Wilson*). (p. 95.) — N. & S. America.

3. **timoriensis**, *Less.* (p. 98.) — N. China & Japan to Australia.

VII. **FLORIDA**, *Baird.*
(Sharpe, *t. c.* p. 100.)

1. **cærulea** (*Linn.*). (p. 100.) — E. United States, C. America, West Indies, Colombia, Ecuador, Guiana, Brazil.

VIII. MELANOPHOYX, *Sharpe.*

(Sharpe, Cat. B. xxvi. p. 104, 1898.)

1. **ardesiaca** (*Wagler*). (p. 104.)	Tropical Africa.
2. **vinaceigula**, *Sharpe.* (p. 105.)	S.E. Africa (Transvaal).

IX. DICHROMANASSA, *Ridgw.*

(Sharpe, *t. c.* p. 106.)

1. **rufa** (*Bodd.*). (p. 106.)	S. United States to Guatemala. Greater Antilles.

X. NOTOPHOYX, *Sharpe.*

(Sharpe, *t. c.* pp. 109, 271.)

1. **novæ-hollandiæ** (*Lath.*). (p. 109.)	Australia, New Zealand, New Caledonia, New Guinea, Moluccas.
2. **pacifica** (*Lath.*). (p. 111.)	Australia.
3. **flavirostris**, *Sharpe.* (p. 654.) [*picata*, Gould, nec Raffl. (p. 112.)]	N. Australia, New Guinea, Aru Is., Teniimber Is., Amboina, Celebes.
4. **aruensis** (*Gray*). (p. 113.)	Aru Is.

XI. LEPTERODIUS, *Hempr. & Ehr.*

(Sharpe, *t. c.* p. 114.)

1. **gularis** (*Bosc*). (p. 114.)	Tropical Africa, Madagascar.
2. **asha** (*Sykes*). (p. 116.)	Coasts of W. Indian Ocean, from Persian Gulf to Ceylon.

XII. GARZETTA, *Kaup.*
(Sharpe, Cat. B. xxvi. p. 118, 1898.)

1. **garzetta** (*Linn.*). (p. 118.)	S. Europe to C. Asia. Indian Peninsula, China, Japan, Malay Peninsula and Archipelago. Africa.
2. **nigripes** (*Temm.*). (p. 122.)	Java, Malay Archipelago. Australia.

XIII. LEUCOPHOYX, *Sharpe.*
(Sharpe, *t. c.* p. 124.)

1. **candidissima** (*Gm.*). (p. 124.)	Temperate N. America, C. & S. America to Chile and Argentina.

XIV. HYDRANASSA, *Baird.*
(Sharpe, *t. c.* p. 126.)

1. **tricolor** (*P. L. S. Müll.*). (p. 126.)	Guiana, Brazil. ? Venezuela.
2. **ruficollis** (*Gosse*). (p. 127.)	Temperate E. N. America to C. America. West Indies.

XV. NYCTANASSA, *Reichenb.*
(Sharpe, *t. c.* p. 130.)

1. **violacea** (*Linn.*). (p. 130.)	E. N. America, C. America, West Indies, S. America to Brazil.
2. **pauper** (*Scl. & Salv.*). (p. 134.)	Galapagos Is.

XVI. AGAMIA, *Reichenb.*
(Sharpe, *t. c.* p. 135.)

1. **agami** (*Gm.*). (p. 135.)	C. America, from Mexico to Panama, Colombia, Guiana, Amazonia, Peru.

XVII. DEMIEGRETTA, *Blyth.*

(Sharpe, Cat. B. xxvi. p. 136, 1898.)

1. **sacra** (*Gm.*). (p. 137.)	Coasts of Bay of Bengal to Australia & Oceania, N. to Japan & Corea.

XVIII. NYCTICORAX, *Rafin.*

(Sharpe, *t. c.* p. 145.)

1. **nycticorax** (*Linn.*). (p. 146.)	C. & S. Europe to Indian Peninsula, China, and Japan. Malay Peninsula. Greater Sunda Is. to Celebes. Africa. N. & C. America to Colombia & Ecuador.
2. **tayazu-guira** (*V.*). (p. 155.)	C. Brazil and Peru to Chile, Patagonia, and Falkland Is.
3. **cyanocephalus** (*Mol.*). (p. 156.)	Chile to Str. of Magellan.
4. **leuconotus** (*Wagler*). (p. 157.)	Tropical Africa.
5. **caledonicus** (*Gm.*). (p. 158.)	Australia, Admiralty Is., Pelew Is., Celebes.
6. **crassirostris**, *Vig.* (p. 161.)	Bonin Is.
7. **mandibularis**, *Ogilvie Grant.* (p. 161.)	Solomon Is., Bismarck Archipelago.
8. **manillensis**, *Vig.* (p. 162.)	Philippine Is., N. Borneo, W. Celebes.

XIX. CANCHROMA, *Linn.*

(Sharpe, *t. c.* p. 162.)

1. **cochlearia**, *Linn.* (p. 163.)	S. Brazil, Amazonia, Guiana, Colombia, Ecuador.
2. **zeledoni**, *Ridgw.* (p. 165.)	Mexico to Panama.

XX. GORSACHIUS, *Bp.*

(Sharpe, Cat. B. xxvi. p. 166, 1898.)

1. **melanolophus** (*Raffl.*). (p. 166.)	Assam to Hainan, Formosa, S. to Malay Peninsula, Greater Sunda Is., S. India, Ceylon.
2. **goisagi** (*Temm.*). (p. 169.)	Japan. Formosa (*winter*), Philippine Is. (*winter*).

XXI. SYRIGMA, *Ridgway.*

(Sharpe, *t. c.* p. 170.)

1. **cyanocephalum** (*V.*). (p. 170.)	S. Brazil, Uruguay.

XXII. PILERODIUS, *Bp.*

(Sharpe, *t. c.* p. 171.)

1. **pileatus** (*Bodd.*). (p. 171.)	Brazil, Amazonia, Guiana.

XXIII. BUTORIDES, *Blyth.*

(Sharpe, *t. c.* p. 172.)

1. **atricapilla** (*Afzel.*). (p. 172.)	Tropical Africa, Madagascar.
2. **brevipes** (*Hempr. & Ehr.*). (p. 278.)	Red Sea, Socotra, Arabia to Muscat.
3. **striata** (*Linn.*). (p. 175.)	S. America (Colombia to Guiana, Amazonia, Peru, Brazil, Argentina).
4. **robinsoni**, *Richm.* (p. 279.)	Margarita Isl.
5. **javanica** (*Horsf.*). (p. 177.)	Indian Peninsula, Ceylon, S. China, Malay Peninsula, Philippine Is., Greater Sunda Is., Celebes. Mascarene Is.

6. **amurensis** (*Schrenck*). (p. 181.)	Amur-land, Japan, China. Philippines (*winter*), Greater Sunda Is. (*winter*), Celebes (*winter*).
7. **spodiogaster**, *Sharpe*. (p. 182.)	Andaman Is., Nicobar Is.
8. **stagnatilis** (*Gould*). (p. 183.)	Australia. Oceania. Solomon Is., New Guinea, Moluccas, Lesser Sunda Is.
9. **sundevalli**, *Reichen*. (p. 185.)	Galapagos Is.
10. **virescens** (*Linn.*). (p. 186.)	N. & C. America, Venezuela, West Indies.
11. **frazari**, *Brewster*. [*virescens*, pt., p. 186.]	Lower California.
12. **anthonyi**, *Mearns*. (p. 280.)	S.W. United States to Mexico.
13. **bahamensis**, *Brewster*. [*virescens*, pt., p. 186.]	Bahamas.
14. **saturatus**, *Ridgw*. [*virescens*, pt., p. 186.]	Swan Isl., Caribbean Sea.
15. **brunnescens**, *Ridgw*. (p. 280.)	Cuba.
16. **mauritianus**, *E. Newt. & Gadow*, Tr. Z. S. xiii. p. 289 (1893).	Mauritius (Pleistocene).

XXIV. TIGRORNIS, *Sharpe*.

(Sharpe, Cat. B. xxvi. p. 191, 1898.)

1. **leucolopha** (*Jard.*). (p. 191.)	W. Africa.

XXV. ZONERODIUS, *Salvad*.

(Sharpe, *t. c.* p. 192.)

1. **heliosylus** (*Less.*). (p. 192.)	New Guinea, Salawati. ? Aru Is.

* Professor Ridgway considers that this and the following forms are all really distinct. My belief is that all of them will be found to be identical with *B. virescens*.

XXVI. TIGRISOMA, *Swains.*

(Sharpe, Cat. B. xxvi. p. 193, 1898.)

1. **lineatum** (*Bodd.*). (p. 194.)	Trinidad, Guiana, Amazonia, Ecuador, Peru, Panama.
2. **excellens**, *Ridgw.* (p. 193, note.)	Costa Rica, Honduras.
3. **marmoratum** (*V.*). (p. 195.)	Paraguay, Argentina.
4. **bahiæ**, *Sharpe.* (p. 196.)	Bahia.
5. **fasciatum** (*Such*). (p. 196.)	S.E. Brazil.
6. **salmoni**, *Scl. & Salv.* (p. 197.)	Colombia, Ecuador, Peru.

XXVII. HETEROCNUS, *Sharpe.*

(Sharpe, *t. c.* p. 198.)

1. **cabanisi** (*Heine*). (p. 198.)	Mexico to Panama.

XXVIII. ERYTHROCNUS, *Sharpe.*

(Sharpe, *t. c.* p. 200.)

1. **rufiventris** (*Sundev.*). (p. 200.)	S. Africa to the Zambesi and Damara-land.

XXIX. ARDEOLA, *Boie.*

(Sharpe, *t. c.* p. 201.)

1. **ralloides** (*Scop.*). (p. 202.)	Mediterranean countries to the Caspian Sea. Africa.
2. **idæ** (*Hartl.*). (p. 206.)	Madagascar.
3. **grayi** (*Sykes*). (p. 207.)	Persian Gulf, Indian Peninsula, Ceylon, Indo-Chinese countries, Malay Peninsula.

4. **bacchus** (*Bp.*). (p. 211.)	E. Siberia, Japan, China, Burma, Andaman Is., Malay Peninsula, Borneo.
5. **speciosa** (*Horsf.*). (p. 212.)	Greater Sunda Is., Celebes.

XXX. BUBULCUS, *Bp.*

(Sharpe, Cat. B. xxvi. p. 213, 1898.)

1. **lucidus** (*Rafin.*). (p. 213.)	S. Europe to C. Asia. Africa. Madagascar. Mascarene Is.
2. **coromandus** (*Bodd.*). (p. 217.)	E. Siberia, Corea, China, Indian Peninsula, Ceylon, Indo-Chinese countries, S. to Celebes & Moluccas.

XXXI. ARDETTA, *Gray.*

(Sharpe, *t. c.* p. 220.)

1. **minuta** (*Linn.*). (p. 222.)	C. & S. Europe to C. Asia & N.W. India. Africa (*winter*).
2. **payesi**, *Verr.* (*Cf.* O. Neumann, J. f. O. 1898, pp. 282–284.)	Tropical Africa.
3. **podicipes** (*Bp.*). (p. 225.)	E. Africa. Madagascar.
4. **sinensis** (*Gm.*). (p. 227.)	Japan, Corea, China, Indian Peninsula, Indo-Chinese countries, Malay Peninsula and islands to Australia (*winter*).
5. **exilis** (*Gm.*). (p. 231.)	N. & C. America to Panama. Greater Antilles.
6. **neoxena**, *Cory.* (p. 233.)	E. N. America, Florida, N. to Ontario.

7. **erythromelas** (*V.*). (p. 234.) — Panama to Peru, Guiana, & S. Brazil.

8. **pusilla** (*V.*). (p. 234.) — Australia, New Zealand.

9. **involucris** (*V.*). (p. 235.) — S. Brazil, Chile, Patagonia, Guiana.

10. **cinnamomea** (*Gm.*). (p. 236.) — E. Siberia, China Indian Peninsula, Indo-Malayan Subregion Celebes (*winter*).

XXXII. **ZEBRILUS**, *Bp.*
(Sharpe, Cat. B. xxvi. p. 241, 1898.)

1. **pumilus** (*Bodd.*). (p. 241.) — Guiana, Brazil.

XXXIII. **NANNOCNUS**, *Stejn.*
(Sharpe, *t. c.* p. 242.)

1. **eurythmus** (*Swinh.*). (p. 242.) — E. Siberia, Japan, China, Borneo, Celebes.

XXXIV. **ARDEIRALLUS**, *Sharpe.*
(Sharpe, *t. c.* p. 244.)

1. **sturmi** (*Wagler*). (p. 244.) — Tropical Africa. Canary Is.

XXXV. **DUPETOR**, *Heine & Reichen.*
(Sharpe, *t. c.* p. 246.)

1. **flavicollis** (*Lath.*). (p. 247.) — S. & C. China, Indian Peninsula, Ceylon, Indo-Chinese countries, Malay Peninsula, Greater Sunda Is., Celebes.

2. **gouldi** (*Bp.*). (p. 250.) — Australia.

3. **nesophilus** (*Sharpe*). (p. 250.)	Bismarck Archipelago.
4. **melas** (*Salvad.*). (p. 251.	Molucca Is. (Buru, Amboina, Batchian, Halmahéra), Sangi Is.

XXXVI. ERYTHROPHOYX, *Sharpe.*

(Sharpe, Cat. B. xxvi. p. 252, 1898.)

1. **woodfordi** (*Ogilvie Grant*). (p. 252.)	Solomon Is.
2. **prætermissa** (*Sharpe*). (p. 253.)	Molucca Is. (Batchian, Ceram).

XXXVII. BOTAURUS, *Briss.*

(Sharpe, *t. c.* p. 253.)

1. **stellaris** (*Linn.*). (p. 253.)	Temperate Palæarctic Region. N.W. India, Burma.
2. **capensis** (*Schl.*). (p. 258.)	S. Africa.
3. **pœciloptilus** (*Wagler*). (p. 258.)	Australia, New Caledonia, New Zealand.
4. **lentiginosus** (*Mont.*). (p. 259.)	N. & C. America, Europe (*acc.*).
5. **pinnatus** (*Wagler*). (p. 262.)	Brazil to Guiana, Nicaragua.

INCERTÆ SEDIS.

I. Tapinopus, *Milne-Edw.*

(Milne-Edwards, C. R. II. Congr. Orn. ii. p. 79, 1892.)

1. **elliotí**, *Milne-Edw. t. c.*	S. France (Upper Eocene).

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ERRATA TO VOL. I.

Page 205. Insert :—

Order XVIII. PALAMEDEIFORMES.

Sub-Order I. *PALAMEDEÆ.*

(Salvadori, Cat. B. xxvii. p. 2, 1895.)

Family 1. **PALAMEDEIDÆ.**

(Salvad. *t. c.* p. 2.)

I. **PALAMEDEA**, *Linn.*
(Salvad. *t. c.* p. 2.)

—1. **cornuta**, *Linn.* (p. 3.) — Guiana. Venezuela. Amazonia. Ecuador

II. **CHAUNA**, *Illig.*
(Salvad. *t. c.* p. 4.)

1. **chavaria** (*Linn.*). (p. 4.) — Venezuela. Colombia.

—2. **cristata** (*Swains.*). (p. 6.) — S. Brazil. Paraguay. Uruguay. Argentina.

Order XIX. PHŒNICOPTERIFORMES.

(Sharpe, Classif. B. p. 76, 1891.)

Family I. PHŒNICOPTERIDÆ.

(Salvad. Cat. B. xxvii. p. 8, 1895.)

I. PHŒNICOPTERUS, *Linn.*

(Salvad. *t. c.* p. 9.)

1. **ruber**, *Bonn.* (p. 9.)	Tropical & Sub-tropical N. & S. America.
2 **roseus**, *Pall.* (p. 12.)	S. Europe to Central Asia & Lake Baikal. Indian Peninsula. Africa.
3. **chilensis**, *Mol.* (p. 16.)	Southern S. America to Uruguay, Chile, and Peru.
4. **copei**, *Shufeldt*, J. Acad. Nat. Sci. Philad. xi. p. 410 (1892).	Oregon (Pliocene).
5. **croizeti**, *Gervais* (Lydekker, Cat. Foss. B. p. 78).	France (Lower Miocene).
6. **sp.**, *Milne-Edw.*	

II. PHŒNICONAIAS, *Gray.*

(Salvad. *t. c.* p. 18.)

1. **minor** (*Geoffr.*). (p. 18.)	S. to N.E. Africa. Madagascar. N.W. India.

III. PHŒNICOPARRUS, *Bp.*

(Salvad. *t. c.* p. 21.)

1. **andinus**, *Philippi.* (p. 21.)	Chilian Andes.
2. **jamesi**, *Scl.* (p. 22.)	Andes of Chile & Peru.

IV. Scaniornis, *Dames.*

1. **lundgreni**, *Dames*, Bihang till K. Sv. Vet.-Akad. Handl. xvi. Afd. iv. no. 1 (1890).	Denmark (Upper Cretaceous).

V. **Elornis**, *Aymard.*
(Lydekker, Cat. Foss. B. p. 80, 1891.)

1. **littoralis**, *Aymard.* (Lyd , p. 80.)	France (Lower Miocene).
2. **grandis**, *Aymard.* (Lyd., p. 80.)	France (Lower Miocene).
3. **anglicus**, *Lydekker.* (Lyd., p. 80.)	England (Upper Eocene).
4. **sp.** (Lyd., p. 81.)	England (Upper Eocene).

VI. **Palaeolodus**, *Milne-Edw.*
(Lydekker, Cat. Foss. B. p. 81, 1891.)

1. **steinheimensis**, *Fraas.* (Lyd., p. 82.)	Bavaria (Middle Miocene).
2. **crassipes**, *Milne-Edw.* (Lyd., p. 82.)	France (Lower Miocene).
3. **sp.** (Lyd., p. 83.)	France (Lower Miocene).
4. **ambiguus**, *Milne-Edw.* (Lyd., p. 83.)	France & Germany (Lower Miocene).
5. **gracilipes**, *Milne-Edw.* (Lyd., p. 90.)	France (Lower Miocene).
6. **minutus**, *Milne-Edw.* (Lyd., p. 92.)	France (Lower Miocene).
7. **goliath**, *Milne-Edw.* (Lyd., p. 95.)	France (Lower Miocene).

FAM. IGN.

I. **Agnopterus**, *Milne-Edw.*
(Lydekker, *t. c.* p. 96.)

1. **laurillardi**, *Milne-Edw.* (Lyd., p. 95.)	France (Upper Eocene).
2. **hantoniensis**, *Lydekker.* (Lyd., p. 96.)	England (Upper Eocene).

Order XX. ANSERIFORMES.

(Sharpe, Classif. B. p. 76, 1891.)

Family I. **ANATIDÆ.**

(Salvad. Cat. B. xxvii. p. 23, 1895.)

Sub-Family I. *CYGNINÆ.*

(Salvad. *t. c.* p. 24.)

1. CYGNUS, *Bechst.*
(Salvad. *t. c.* p. 25.)

1. **cygnus** (*Linn.*). [*musicus*, Bechst. (p. 26.)]	Arctic Europe & Asia. Iceland. C. Asia (*winter*). China & Japan (*winter*).
2. **bewicki,** *Yarr.* (p. 29.)	Arctic Europe & Asia. W. Europe (*winter*). Siberia, China & Japan (*winter*).
3. **davidi,** *Swinh.* (p. 25, note.)*	N. China.
4. **columbianus** (*Ord*). (p. 32.)	N.E. Siberia. N. America. United States (*winter*).
5. **buccinator,** *Richards.* (p. 33.)	Western N. America.
6. **olor,** *Gm.* (p. 35.)	N. & C. Europe to C. Asia. N.W. India (*winter*). Caspian & Mediterranean Seas (*winter*).
7. **melanocoryphus** (*Mol.*). (p. 39.)	Southern S. America.
8. **paloregonus**, *Shufeldt*, J. Acad. Nat. Sci. Philad. ix. p. 409 (1892).	Oregon (Pliocene).
9. **falconeri**, *Parker.* (Lyd., Cat. Foss. B. p. 108.)	Malta (Pleistocene).
10. **sp.** (Lyd., p. 110.)	Malta (Pleistocene).
11. **herenthalsi**, *Van Beneden*, Bull. Acad. Belg. xxxii. p. 217 (1871).	Belgium (Pliocene).
12. **sp.**, *Purdie*, Tr. N. Z. Inst. iii. p. 100 (1871).	New Zealand (Pleistocene).

* [? *bewicki*, juv., Bianchi *in litt.*]

II. **CHENOPSIS**, *Wagler*.
(Salvad. Cat. B. xxvii. p. 41, 1895.)

1. **atrata** (*Lath.*). (p. 41.) — Australia.

Sub-Family II. *ANSERANATINÆ*.
(Salvad. Cat. B. xxvii. p. 44, 1895.)

III. **ANSERANAS**, *Less.*
(Salvad. *t. c.* p. 44.)

1. **semipalmata** (*Lath.*). (p. 44.) — Australia. Tasmania.

Sub-Family III. *PLECTROPTERINÆ*.
(Salvad. *t. c.* p. 45.)

IV. **PLECTROPTERUS**, *Steph.*
(Salvad. *t. c.* p. 46.)

1. **rueppelli**, *Scl.* (p. 47.) — N.E. & Equat. Africa.
2. **gambensis** (*Linn.*). (p. 48.) — W. & E. Africa.
3. **niger**, *Scl.* (p. 50.) — S.E. Africa.
4. **scioanus**, *Salvad.* (p. 51.) — Shoa, N.E. Africa.

V. **CAIRINA**, *Fleming*.
(Salvad. *t. c.* p. 51.)

1. **moschata** (*Linn.*). (p. 51.) — C. America. Tropical S. America.

VI. **SARCIDIORNIS**, *Eyton*.
(Salvad. *t. c.* p. 54.)

1. **melanonota** (*Penn.*). (p. 54.) — Indian Peninsula, Ceylon, Burma. Tropical Africa. Madagascar.
2. **carunculata** (*Licht.*). (p. 59.) — Brazil, Argentina.
3. **mauritianus**, *E. Newt. & Gadow*, Tr. Z. S. xiii. p. 290 (1893). — Mauritius (Pleistocene).

VII. **ASARCORNIS**, *Salvad.*
(Salvad. Cat. B. xxvii. p. 59, 1895.)

1. **scutulata** (*S. Müll.*). (p. 60.)	Sumatra, Java.
2. **leucoptera** (*Blyth*). (p. 60, pt.) [*Cf.* Oates, Man. Game-Birds India, ii. p. 139 (1899).]	Assam to Malay Peninsula.

VIII. **RHODONESSA**, *Reichenb.*
(Salvad. *t. c.* p. 61.)

1. **caryophyllacea** (*Lath.*). (p. 61.)	Indian Peninsula (Dacca, Behar, &c.).

IX. **PTERONETTA**, *Salvad.*
(Salvad. *t. c.* p. 63.)

1. **hartlaubi** (*Cass.*). (p. 63.)	W. Africa to Equatorial Africa.

X. **NETTOPUS**, *Brandt.*
(Salvad. *t. c.* p. 64.)

1. **auritus** (*Bodd.*). (p. 65.)	Tropical Africa, Madagascar.
2. **pulchellus**, *Gould.* (p. 67.)	Australia, New Guinea, Moluccas, Tenimber Is., Celebes.
3. **coromandelianus** (*Gm.*). (p. 68.)	Indian Peninsula, Burmese countries, China, Philippine Is., Greater Sunda Is., Celebes.
4. **albipennis**, *Gould.* (p. 72.)	E. Australia.

XI. **LAMPRONESSA**, *Wagler.*
(*Æx*, Salvad. *t. c.* p. 72, pt.)

1. **sponsa** (*Linn.*). (p. 73.)	N. America to Mexico. Greater Antilles

XII. **ÆX**, *Boie.*
(Salvad. *t. c.* p. 72.)

1. **galericulata** (*Linn.*). (p. 76.)	China, Formosa. to Japan & S.E. Siberia.

Sub-Family IV. *CEREOPSINÆ.*

(Salvad. Cat. B. xxvii. p. 79, 1895.)

XIII. CEREOPSIS, *Lath.*

(Salvad. *t. c.* p. 79.)

1. **novæ-hollandiæ**, *Lath.* (p. 79.)	S. Australia, Tasmania.

XIV. Cnemiornis, *Owen.*

(Salvad. *t. c.* p. 81 ; Lydekker, Cat. Foss. B. p. 99, 1891.)

1. **calcitrans**, *Owen.* (p. 81 ; Lyd., p. 99.)	New Zealand (Pleistocene).
2. **sp.** (Lyd., p. 102.)	New Zealand (Pleistocene).
3. **gracilis**, *H. O. Forbes*, Tr. N. Z. Inst. xxiv. p. 187 (1892).	New Zealand (Pleistocene).
4. **minor**, *H. O. Forbes, l. c.*	New Zealand (Pleistocene).

XV. Centrornis, *Andrews.*

(Andrews, Ibis, 1897, p. 343.)

1. **majori**, *Andrews, l. c.*	Madagascar (Pleistocene).

Sub-Family V. *ANSERINÆ.*

(Salvad. Cat. B. xxvii. p. 81, 1895.)

XVI. COSCOROBA, *Reichenb.*

(Salvad. *t. c.* p. 42.)

1. **coscoroba** (*Mol.*). [*candida* (V.) (p. 42.)]	Southern S. America.

XVII. CHEN, *Boie.*

(Salvad. *t. c.* p. 82.)

1. **cærulescens** (*Linn.*). (p. 82.)	E. N. America. Bahamas (*winter*). Cuba (*winter*).
2. **hyperboreus** (*Pall.*). (p. 84.)	N. Asia to Japan (*winter*). Western N. America. S.W. U. States (*winter*).

3. **nivalis** (*Forst.*). (p. 86.)	E. N. America, S.E. United States (*winter*). Japan (*winter*).

XVIII. EXANTHEMOPS, *Elliot.*

(*Chen*, pt., Salvad. Cat. B. xxvii. p. 82, 1895.)

1. **rossi** (*Cass.*). (p. 88.)	Arctic America. Western U.States (*winter*).

XIX. ANSER, *Briss.*

(Salvad. *t. c.* p. 88.)

1. **anser** (*Linn.*). [*ferus*, Schaeff. (p. 89.)]	W. Europe.
2. **rubrirostris**, *Hodgs.* (p. 91.)	Siberia. N. India and China (*winter*).
3. **neglectus**, *Menzbier*, Ibis, 1896, p. 135; 1897, p. 5.	C. Siberia.
4. **albifrons** (*Scop.*). (p. 92.)	Iceland, Greenland, N. Europe and Siberia. India, China, and S. Europe (*winter*).
5. **gambeli**, *Hartl.* (p. 95.)	N. America to Mexico and Greater Antilles (*winter*). E. Asia and Japan (*winter*).
6. **erythropus** (*Linn.*). (p. 97.)	N. Europe and Siberia. W. Europe (*winter*), Indian Peninsula (*winter*), Japan (*winter*).
7. **fabalis** (*Lath.*). (p. 99.)	W. Europe (Lapland to N. Russia). S. & C. Europe (*winter*).
8. **mentalis**, *Oates*, Man. Game-B. Ind. ii. p. 77 (1899).	Japan.
9. **serrirostris**, *Swinh., ex Gould, MS.* (p. 101.)	Siberia to Corea. China (*winter*).
10. **middendorffi**, *Severtz.* (p. 101, pt.)	E. Siberia, Bering Is. Central Asia (*winter*). Japan, China (*winter*).
11. **brachyrhynchus** (*Baill.*). (p. 103.)	Spitsbergen. W. Europe (*winter*).
12. **condoni**, *Shufeldt*, Auk, vii. p. 366 (1891).	Oregon (Pleistocene).
13. **anatoides**, *Depéret*, C. R. cxiv. p. 690 (1892).	France (Pliocene).

14. **sp.**, *Lydekker*, Cat. Foss. B. p. 104.	England (Pleistocene).
15. **oeningensis** (*Meyer*). (Lyd., p. 104.)	Switzerland (Upper Miocene).
16. **sp.**, *Lydekker*, Cat. Foss. B. p. 105.	France (Lower Miocene).
17. **scaldii**, *Van Beneden*, Bull. Acad. Belg. xxxii. p. 218 (1871).	Belgium (Pleistocene).

XX. EULABIA, *Reichenb.*
(Salvad. Cat. B. xxvii. p. 104, 1895.)

1. **indica** (*Lath.*). (p. 105.)	Central Asia. Indian Peninsula (*winter*).

XXI. CYGNOPSIS, *Brandt.*
(Salvad. *t. c.* p. 107.)

1. **cygnoides** (*Linn.*). (p. 107.)	E. Siberia and Japan. China (*winter*).
2. ? **grandis** (*Gm.*). (p. 107, note.)	Siberia.

XXII. PHILACTE, *Bann.*
(Salvad. *t. c.* p. 109.)

1. **canagica** (*Sevast.*). (p. 109.)	N.E. Asia. N.W. America to California (*winter*).

XXIII. BRANTA, *Scop.*
(Salvad. *t. c.* p. 111.)

1. **canadensis** (*Linn.*). (p. 112.)	Temperate N. America. Mexico (*winter*).
2. **hutchinsi** (*Richards.*). (p. 114.)	Arctic & Sub-Arctic America. United States (*winter*). N.E. Asia.
3. **occidentalis** (*Baird*). (p. 115.)	N.W. America. California (*winter*).
4. **minima**, *Ridgw.* (p. 116.)	N.W. America. California and Hawaiian Archipelago (*winter*).

propinqua, *Shufeldt*, Auk, viii. p. 367 (1891).	Oregon (Pleistocene).
6. **hypsibata**, (*Cope*, Bull. U.S. Geol. Surv. iv. no. 2, p. 387, 1878).	Oregon (Pleistocene).
7. **leucopsis** (*Bechst.*). (p. 117.)	Arctic W. Europe. Atlantic coasts (*winter*).
8. **bernicla** (*Linn.*). (p. 119.)	Arctic Regions. N. & W. Europe (*winter*).
9. **glaucogaster**, *Brehm*. (*Cf.* Coues, Auk, xiv. p. 207, 1897.)	Arctic Regions. E. N. America. U. States (*winter*).
10. **nigricans** (*Lawr.*). (p. 123.)	N. Siberia and W. North America. California (*winter*). Japan (*winter*).
11. **ruficollis** (*Pall.*). (p. 124.)	N. Siberia. Turkestan and shores of Caspian Sea (*winter*).

XXIV. NESOCHEN, *Salvad.*

(Salvad. Cat. B. xxvii. p. 126, 1895.)

1. **sandvicensis** (*Vig.*). (p. 126.)	Hawaiian Archipelago.

INCERTÆ SEDIS.

XXV. Chenornis, *Portis.*

(Lydekker, Cat. Foss. B. p. 122, 1891.)

1. **graculoides**, *Portis*. (Lyd., p. 122.)	Italy (Middle Miocene).

Sub-Family VI. *CHENONETTINÆ.*

(Salvad. Cat. B. xxvii. p. 128, 1895.)

XXVI. CHLOËPHAGA, *Eyton.*

(Salvad. *t. c.* p. 128.)

1. **melanoptera** (*Eyton*). (p. 129.)	Western S. America (Bolivia, Peru, and Straits of Magellan).
2. **hybrida** (*Mol.*). (p. 130.)	Falkland Is., Straits of Magellan to Chiloe Isl.

3. **magellanica** (*Gm.*). (p. 132.)	Falkland Is., Straits of Magellan, Patagonia.
4. **inornata** (*King*). (p. 134.)	Argentina, Chile to Straits of Magellan.
5. **rubidiceps**, *Scl.* (p. 136.)	Falkland Is.
6. **poliocephala**, *Scl.* (p. 137.)	Patagonia and Chiloe Isl. S. Chile and Argentina (*winter*).

XXVII. **CYANOCHEN**, *Bp.*
(Salvad. Cat. B. xxvii. p. 139, 1895.)

1. **cyanopterus** (*Rüpp.*). (p. 139.)	N.E. Africa.

XXVIII. **CHENONETTA**, *Brandt.*
(Salvad. *t. c.* p. 140.)

1. **jubata** (*Lath.*). (p. 140.)	Australia.

Sub-Family VII. *ANATINÆ.*
(Salvad. Cat. B. xxvii. p. 142, 1895.)

XXIX. **DENDROCYGNA**, *Swains.*
(Salvad. *t. c.* p. 144.)

1. **viduata** (*Linn.*). (p. 145.)	Tropical S. America. W. Indies. Tropical Africa. Madagascar.
2. **fulva** (*Gm.*). (p. 149.)	S. United States, Tropical S. America. Tropical Africa. Madagascar. Indian Peninsula, Burma.
3. **arcuata** (*Horsf.*). (p. 153.)	Indo-Malayan Is., Celebes, Moluccas, New Guinea. Australia, Oceania.
4. **javanica** (*Horsf.*). (p. 156.)	Indian Peninsula and Ceylon to China. Liu Kiu Is. Malay Peninsula. Greater Sunda Is.

— 5. **autumnalis** (*Linn.*). (p. 159.)	Texas to Panama.
— 6. **discolor**, *Scl. & Salv.* (p. 161.)	Tropical S. America.
— 7. **arborea** (*Linn.*). (p. 162.)	W. Indies. Bahama Is.
— 8. **guttulata**, *Wallace.* [*guttata*, Forst. (p. 164.)]	Philippine Is., Celebes, Moluccas, New Guinea, Tenimber Is.
— 9. **eytoni**, *Eyton, ex Gould, MS.* (p. 165.)	Australia. New Zealand (*occ.*).
10. **baliodipennis** (*De Vis*), Proc. Linn. Soc. N.S.W. (2) iii. p. 1282 (1888).	Queensland (Pleistocene).

XXX. ALOPOCHEN, *Stejn.*

[*Chenalopex*, Steph. (nec Vieill. 1819), Salvad. Cat. B. xxvii. p. 166, 1895.]

— 1. **ægyptiacus** (*Linn.*). (p. 167.)	Tropical Africa to Egypt and Palestine.
— 2. **jubatus** (*Spix*). (p. 169.)	Tropical S. America.
3. **pugil**, *Winge.* (Lydekker, Cat. Foss. B. p. 98.)	Brazil (Pleistocene).
4. **debilis**, *Moreno & Merc.*, An. Mus. La Plata, i. p. 446 (1891).	Patagonia (Miocene).
5. **sirabensis**, *Andrews*, Ibis, 1897, p. 355, pl. ix.	Madagascar (Pleistocene).

XXXI. TADORNA, *Fleming.*

(Salvad. *t. c.* p. 170.)

— 1. **tadorna** (*Linn.*). [*cornuta*, S. G. Gmel. (p. 171.)]	Europe. S. Siberia to Japan. N. Africa (*winter*). N. Indian Peninsula (*winter*). S. China (*winter*).
2. **radjah** (*Garn.*). (p. 175.)	Molucca Is., New Guinea, Australia.

XXXII. CASARCA, *Bp.*

(Salvad. *t. c.* p. 177.)

— 1. **casarca** (*Linn.*). [*rutila*, Pall. (p. 177.)]	Mediterranean countries to C. Asia, Mongolia, China & Japan. N.E. Africa. Indian Peninsula, Burma, and S. China (*winter*).

2. **cana** (*Gm.*). (p. 182.)	S. Africa.
3. **variegata** (*Gm.*). (p. 183.)	New Zealand.
4. **tadornoides** (*J. & S.*). (p. 185.)	S. & W. Australia, Tasmania.
5. **sp.** (Lydekker, Cat. Foss. B. p. 112.)	England: Devonshire (Pleistocene).

XXXIII. ANAS, *Linn.*

(Salvad. Cat. B. xxvii. p. 187, 1895.)

1. **boscas**, *Linn.* (p. 189.)	Temperate Europe, Asia, & N. America. N.E. Africa (*winter*). Persia, N. Indian Peninsula, and China (*winter*). S. United States and C. America (*winter*).
2. **wyvilliana**, *Scl.* (p. 196.)	Hawaiian Archipelago.
3. **laysanensis**, *Rothsch.* (p. 199.)	Laysan Isl.
4. **melleri**, *Scl.* (p. 199.)	Madagascar.
5. **obscura**, *Gm.* (p. 200.)	E. North America. Bermudas (*winter*).
6. **fulvigula**, *Ridgw.* (p. 202.)	Florida. ? West Indies.
7. **maculosa**, *Sennett.* (p. 203.)	E. Texas, N. to Kansas.
8. **diazi**, *Ridgw.* (p. 204.)	Mexico (Puebla).
9. **aberti**, *Ridgw.* (p. 204.)	Mexico (Mazatlan).
10. **luzonica**, *Fraser.* (p. 205.)	Philippine Archipelago.
11. **superciliosa**, *Gm.* (p. 206.)	Greater & Lesser Sunda Is. New Guinea. Polynesia. Pelew Is. Australia. New Zealand.
12. **oustaleti**, *Salvad.* (p. 189, note.)	Marianne Is.
13. **undulata**, *Dubois.* (p. 212.)	S. Africa, W. to Angola, E. to Zambesi. E. Africa to Abyssinia.
14. **sparsa**, *Smith.* (p. 213.)	S. & E. Africa, N. to Abyssinia.

15. **specularis**, *King*. (p. 215.)	Chile. Straits of Magellan.
16. **cristata**, *Gm*. (p. 216.)	Peru to Straits of Magellan. Falkland Is.
17. **finschi**, *Van Beneden*, J. Zool. iv. p. 267 (1875).	New Zealand (Pleistocene).
18. **ataba**, *Fraas*. (Lyd., p. 117.)	Bavaria (Middle Miocene).
19. **cygniformis**, *Fraas*. (p. 117.)	Bavaria (Middle Miocene).
20. **sp**. (Lyd., p. 117.)	Bavaria (Middle Miocene).
21. **lignitifila**, *Portis ex Salvad. MS*. (Lyd., p. 117.)	Italy (Middle Miocene).
22. **blanchardi**, *Milne-Edw*. (Lyd., p. 117.)	France and Germany (Lower Miocene).
23. **consobrina**, *Milne-Edw*. (Lyd., p. 120.)	France (Lower Miocene).
24. **natator**, *Milne-Edw*. (Lyd., p. 120.)	France (Lower Miocene).
25. **sp**. (Lyd., p. 120.)	France (Lower Miocene).
26. **beneden**, *Sharpe, MSS*. [*creccoides*, Van Beneden (nec King), Bull. Acad. Belg. xxxii. p. 217 (1871).]	Belgium (Pleistocene).
27. **theodori**, *E. Newt. & Gadow*, Tr. Z. S. xiii. p. 291 (1893).	Mauritius (Pleistocene).
28. **clapsa**, *De Vis*, Proc. Linn. Soc. N.S.W. (2) iii. p. 1281 (1888).	Queensland (Pleistocene).
29. **meyeri**, *Milne-Edw*. (Lydekker, Cat. Foss. B. p. 116.)	Switzerland (Upper Miocene).
30. **belox**, *Milne-Edw*. (Lyd., p. 116.)	France (Middle Miocene).
31. **sansaniensis**, *Milne-Edw*. (Lyd., p. 116.)	France (Middle Miocene).
32. **robusta**, *Milne-Edw*. (Lyd., p. 116.)	France (Middle Miocene).

XXXIV. POLIONETTA, *Oates*.

(Oates, Man. Game-B. Ind. pt. ii. p. 151, 1899).

1. **zonorhyncha** (*Swinh*.). (p. 211.)	E. Siberia, Mongolia, China, Japan, Kurile Is.
2. **pœcilorhyncha** (*Forst*.). (p. 209.)	Indian Peninsula, Ceylon, Upper Burma.
3. **albigularis** (*Hume*). (p. 257.)	Andamans.

XXXV. EUNETTA, *Bp.*

(Salvad. Cat. B. xxvii. p. 218, 1895.)

1. **falcata** (*Georgi*). (p. 218.)	Siberia to Japan. China (*winter*). Indian Peninsula (*winter*). Europe (*occ.*).

XXXVI. CHAULELASMUS, *Gray.*

(Salvad. *t. c.* p. 221.)

1. **streperus** (*Linn.*). (p. 221.)	Temperate Europe, Asia, and N. America. Mediterranean countries to N.E. Africa (*winter*). Indian Peninsula and China (*winter*). C. America and West Indies (*winter*).
2. **couesi**, *Streets.* (p. 226.)	Fanning Is.

XXXVII. MARECA, *Steph.*

(Salvad. *t. c.* p. 227.)

1. **penelope** (*Linn.*). (p. 227.)	N. Europe and Siberia to Kamtchatka. N.E. Africa (*winter*). Persia (*winter*). N. Indian Peninsula and Burma to Borneo (*winter*). Marshall Is. (*winter*). N. America (*acc.*).
2. **americana** (*Gm.*). (p. 233.)	N. America. E. Siberia (*occ.*). C. America and West Indies (*winter*).
3. **sibilatrix**, *Poeppig.* (p. 237.)	Argentina and Paraguay, Chile to Strs. of Magellan, Falkland Is.

XXXVIII. NETTIUM, *Kaup.*

(Salvad. *t. c.* p. 238.)

1. **formosum** (*Georgi*). (p. 240.)	E. Siberia. Indian Peninsula, China, Japan (*winter*). Europe (*occ.*).
2. **crecca** (*Linn.*). (p. 243.)	Europe and N. Asia, N. & N.E. Africa. Persia, Indian Peninsula, China (*winter*). E. United States (*occ.*).

3. **carolinense** (*Gm.*). (p. 250.)	N. America. C. America and West Indies (*winter*). Europe (*occ.*).
4. **castaneum** (*Eyton*). (p. 252.)	Australia, Tasmania, New Zealand.
5. **salvadorii**, *Büttik.*, Notes Leyd. Mus. xviii. p. 59 (1896).	Sumba Isl.
6. **gibberifrons** (*S. Müll.*). (p. 254.)	Celebes, Greater and Lesser Sunda Is. New Guinea. New Caledonia. Australia. New Zealand.
7. **bernieri** (*Hartl.*). (p. 258.)	Madagascar.
8. **capense** (*Gm.*). (p. 259.)	S. Africa to Angola, E. Africa to Shoa.
9. **flavirostre** (*V.*). (p. 261.)	S. Brazil, Argentina, Chile, to Straits of Magellan, Falkland Is.
10. **oxypterum** (*Meyen*). (p. 262.)	Andes of Peru & N. Chile.
11. **andium** (*Scl. & Salv.*). (p. 263.)	Andes of Ecuador and Venezuela.
12. **georgicum** (*Gm.*). (p. 264.)	South Georgia.
13. **punctatum** (*Burch.*). (p. 265.)	S. Africa to Angola. E. Africa to Shoa. Madagascar.
14. **brasiliense** (*Gm.*). (p. 266.)	S. America.
15. **torquatum** (*V.*). (p. 268.)	S.E. Brazil, Argentina.

XXXIX. DAFILA, *Steph.*

(Salvad. Cat. B. xxvii. p. 270, 1895.)

1. **acuta** (*Linn.*). (p. 270.) [*modesta*, Tristr. (p. 275, note.)]	N. Europe, N. Asia, N. America. Mediterranean countries (*winter*). Indian Peninsula and China (*winter*). Indo-Malayan Archipelago and Oceania (*winter*). C. America and West Indies (*winter*).
2. **spinicauda** (*V.*). (p. 279.)	S. America.

XL. DAFILULA, *Coues.*

(Coues, Auk, xiv. p. 207, 1897.)

1. **eatoni** (*Sharpe*). (p. 278.)	Kerguelen Isl., Crozette Is.

XLI. PŒCILONETTA, *Eyton.*

(Salvad. Cat. B. xxvii. p. 281, 1895.)

1. **bahamensis** (*Linn.*). (p. 282.)	Tropical S. America. Falkland Is., West Indies, Bahama Is.
2. **galapagensis**, *Ridgw.* (p. 284.)	Galapagos Archipelago.
3. **erythrorhyncha** (*Gm.*). (p. 285.)	S. Africa to Angola. E. Africa to Abyssinia. Madagascar.

XLII. ELASMONETTA, *Salvad.*

(Salvad. *t. c.* p. 287.)

1. **chlorotis** (*Gray*). (p. 287.)	New Zealand. Chatham Is.

XLIII. NESONETTA, *Gray.*

(Salvad. *t. c.* p. 289.)

1. **aucklandica**, *Gray.*	Auckland Is.

XLIV. QUERQUEDULA, *Steph.*

(Salvad. *t. c.* p. 290.)

1. **versicolor** (*V.*). (p. 291.)	Paraguay, Argentina, Chile, Patagonia, Falkland Is.
2. **puna** (*Licht.*). (p. 293.)	Andes of Peru, Bolivia and N. Chile.
3. **querquedula** (*Linn.*). [*circia*, Linn. (p. 293.)]	N. Europe and N. Asia. N.E. Africa (*winter*). Indian Peninsula (*winter*). China (*winter*). Malayan Archipelago (*winter*).

4. **discors** (*Linn.*). (p. 299.)	N. America. West Indies (*winter*). C. America to Colombia, Ecuador, and Peru (*winter*).
5. **cyanoptera** (*V.*). (p. 303.)	W. N. America to Mexico. W. S. America to Straits of Magellan. Argentina, Falkland Is.

XLV. SPATULA, *Boie.*

(Salvad. Cat. B. xxvii. p. 306, 1895.)

1. **clypeata** (*Linn.*). (p. 306.)	Europe. W. Asia. N. America. Africa (*winter*). Arabia and Persia (*winter*). Indian Peninsula (*winter*). S. China (*winter*). C. America to Colombia (*winter*). West Indies (*winter*). Hawaiian Archipelago (*winter*).
2. **rhynchotis** (*Lath.*). (p. 314.)	Australia, Tasmania, New Zealand.
3. **platalea** (*V.*). (p. 316.)	Southern S. America to Peru and Paraguay. Falkland Is.
4. **capensis** (*Smith*). (p. 318.)	S. Africa to Angola.

XLVI. MALACORHYNCHUS, *Swains.*

(Salvad. *t. c.* p. 319.)

1. **membranaceus** (*Lath.*). (p. 319.)	Australia, Tasmania.

XLVII. MARMARONETTA, *Reichenb.*

(Salvad. *t. c.* p. 320.)

1. **angustirostris** (*Ménétr.*). (p. 321.)	Canary Is. Mediterranean countries to Persia & N.W. India.

XLVIII. STICTONETTA, *Reichenb.*

(Salvad. *t. c.* p. 324.)

1. **nævosa** (*Gould*). (p. 324.)	S. & W. Australia, Tasmania.

XLIX. **HETERONETTA,** *Salvad.*
(Salvad. Cat. B. xxvii. p. 325, 1895.)

1. **atricapilla** (*Merrem*). (p. 325.) — S.E. Brazil, Uruguay, Argentina, Chile.

Sub-Family VIII. *FULIGULINÆ.*
(Salvad. Cat. B. xxvii. p. 326, 1895.)

L. **NETTA,** *Kaup.*
(Salvad. *t. c.* p. 327.)

1. **rufina** (*Pall.*). (p. 328.) — Mediterranean countries to C. Asia.
Indian Peninsula (*winter*).
E. United States (*acc.*).

LI. **METOPIANA,** *Bp.*
(Salvad. *t. c.* p. 332.)

1. **peposaca** (*V.*). (p. 332.) — S. Brazil, Argentina, Chile.

LII. **AYTHYA,** *Boie.*
[*Cf.* A. O. U. Checkl-l. 2nd ed. p. 52, 1895.
Nyroca, Fleming. (Salvad. *t. c.* p. 334.)]

1. **ferina** (*Linn.*). (p. 335.) — N. Europe and Siberia to Japan.
S. Europe and N. Africa (*winter*).
Persia (*winter*).
Indian Peninsula (*winter*).
China (*winter*).

2. **americana** (*Bp.*). (p. 340.) — N. America.
S. United States (*winter*).
Mexico (*winter*).

3. **baeri** (*Raddę*). (p. 344.) — E. Siberia.
C. Asia to Kuldja.
China (*winter*).
N.E. Bengal (*winter*).

4. **nyroca** (*Güld.*). (p. 345.)	C. & S. Europe to C. Asia & S.W. Siberia, Cashmere. Canary Is. (*winter*). N.E. Africa (*winter*). N. & C. Indian Peninsula (*winter*).
5. **innotata** (*Salvad.*). (p. 350.)	Madagascar.
6. **australis** (*Eyton*). (p. 350.)	Australia, Tasmania, New Zealand, New Guinea, Waigiou.
7. **robusta**, *De Vis*, Proc. Linn. Soc. N.S.W. (2) iii. p. 1278 (1888).	Queensland (Pleistocene).
8. **erythrophthalma** (*Neuwied*). (p. 353, note.) *Cf.* Salvad. Ibis, 1896, p. 99. [*brunnea*, Eyton. (p. 351.)]	S. Brazil. S. Africa to Angola, E. Africa to Shoa.
9. **nationi** (*Scl. & Salv.*). (p. 353.)	Peru.

LIII. ARISTONETTA, *Baird.*

(*Nyroca*, pt., Salvad. Cat. B. xxvii. p. 334, 1895.)

1. **valisneria** (*Wils.*). (p. 342.)	N. America. C. America (*winter*). West Indies (*winter*).

LIV. FULIGULA, *Steph.*

(Salvad. *t. c.* p. 354.)

1. **marila** (*Linn.*). (p. 355.)	N. Europe and N. Asia. N. America. Mediterranean Sea (*winter*), Black & Caspian Seas (*winter*). N.W. India (*winter*). S.E. Siberia, China, Japan (*winter*). C. America (*winter*).
2. **affinis**, *Eyton*. (p. 360.)	N. America. C. America (*winter*). West Indies (*winter*).
3. **fuligula** (*Linn.*). (p. 363.)	N. Europe. N. Asia. Mediterranean Sea and Abyssinia (*winter*). N. Indian Peninsula and S. China (*winter*). Philippines and Greater Sunda Is. (*winter*). Marianne and Pelew Is. (*winter*).

4. **novæ-zealandiæ** (*Gm.*). (p. 368.)	New Zealand, Auckland Is., Chatham Is.
5. **collaris** (*Donov.*). (p. 370.)	N. America. C. America (*winter*). West Indies (*winter*).
6. **aretina**, *Portis*, Orn. Vald. p. 4, tav. i. figs. 1–10 (1891).	Italy (Pliocene).
7. **sepulta**, *Portis*, *t. c.* p. 9, tav. i. figs. 11–23 (1891).	Italy (Pliocene).
8. **arbernensis**, *Lydekker*, Cat. Foss. B. p. 122.	France (Lower Miocene).

LV. TACHYERES, *Owen*.
(Salvad. Cat. B. xxvii. p. 373, 1895.)

1. **cinereus** (*Gm.*). (p. 373.)	Straits of Magellan, Chilian coasts. Falkland Is.

LVI. CLANGULA, *Leach*.
(Salvad. *t. c.* p. 376.)

1. **clangula** (*Linn.*). [*glaucion* (Linn.) (p. 376.)]	Arctic Europe, Asia, and N. America. S. Europe to N. India and China (*winter*). C. America (*winter*). West Indies (*winter*).
2. **islandica** (*Gm.*). (p. 383.)	N. America. Iceland. C. United States (*winter*).
3. **albeola** (*Linn.*). (p. 385.)	N. America. C. America (*winter*). Europe (*occ.*).

LVII. HARELDA, *Steph*.
(Salvad. *t. c.* p. 388.)

1. **glacialis** (*Linn.*). (p. 389.)	Arctic Europe, Asia, and America. S. Europe (*winter*). C. Asia (*winter*). China (*winter*). N. & C. Un. States (*winter*).

LVIII. HISTRIONICUS, *Less.* 1828.
(*Cosmonetta*, Kaup, 1829; Salvad. Cat. B. xxvii. p. 394, 1895.)

1. **histrionicus** (*Linn.*). (p. 395.)	Iceland. N.E. Asia. N. America. Central U. States to California (*winter*). W. Europe (*occ. winter*).

LIX. ŒDEMIA, *Fleming.*
(Salvad. *t. c.* p. 399.)

1. **nigra** (*Linn.*). (p. 401.)	N. Europe & N. Asia. W. Europe (*winter*). Mediterranean Sea (*winter, occ.*).
2. **americana,** *Swains. & Richards.* (p. 404.)	N. America. N.E. Asia. United States (*winter*). Japan (*winter*).
3. **fusca** (*Linn.*). (p. 406.) [*carbo*, Pall.]	N. Europe to W. Siberia. N. & C. Europe to Black & Caspian Seas (*winter*). ? Greenland (*acc.*).
4. **deglandi,** *Bp.* (p. 409.)	North America. United States (*winter*).
5. **stejnegeri,** *Ridgw.* [*carbo* (nec Pall.). (p. 411.)]	N.E. Asia, China & Japan (*winter*).
6. **perspicillata** (*Linn.*). (p. 412.)	N. America. U. States & West Indies (*winter*). N.E. Asia. W. Europe (*occ.*).

LX. Camptolæmus, *Gray.*
(Salvad. *t. c.* p. 416.)

1. **labradorius** (*Gm.*). (p. 416.)	E. North America. New Jersey & Great Lakes (*winter*). [*Extinct.*]

LXI. HENICONETTA, *Gray.*
(Salvad. *t. c.* p. 419.)

1. **stelleri** (*Pall.*). (p. 419.)	N. Europe. N. Asia. W. Europe (*occ.*). Arctic & Sub-Arctic N. America. Aleutian Is. (*winter*).

LXII. ARCTONETTA, *Gray.*

(Salvad. Cat. B. xxvii. p. 422, 1895.)

1. **fischeri** (*Brandt*). (p. 422.) — Coast of Alaska. Bering Sea to Point Barrow. N.E. Asia, E. of the Delta of the Lena. *

LXIII. SOMATERIA, *Leach.*

(Salvad. *t. c.* p. 423.)

1. **dresseri**, *Sharpe.* (p. 424.) — N.E. America. Eastern U. S. & Great Lakes (*winter*).

2. **mollissima** (*Linn.*). (p. 425.) — W. Arctic Europe. Baltic Sea & N.W. Europe (*winter*)

3. **borealis**, *Brehm.* (p. 428.) — Arctic America, Greenland. Northern U.S. (*winter*).

4. **v-nigra** (*Gray*). (p. 430.) — N.W. America. N.E. Asia.

LXIV. ERIONETTA, *Coues.*

[*Somateria*, pt. (p. 423).]

5. **spectabilis** (*Linn.*). (p. 432.) — Arctic W. Europe. Arctic N. America. United States (*winter*). N.W.Europe (*winter,occ.*).

Sub-Family IX. *ERISMATURINÆ.*

(Salvad. Cat. B. xxvii. p. 436, 1895.)

LXV. THALASSORNIS, *Eyton.*

(Salvad. *t. c.* p. 436.)

1. **leuconotus** (*Smith*). (p. 436.) — S. Africa to Angola, E. Africa, N. to Shoa.

2. **insularis**, *Richm.*, Proc. U.S. Nat. Mus. xix. p. 678 (1897). — Madagascar.

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* Bianchi, *in litt.*

LXVI. NOMONYX, *Ridgu.*
(Salvad. Cat. B. xxvii. p. 438, 1895.)

1. **dominicus** (*Linn.*). (p. 438.)	Tropical S. America. West Indies. N. America (*occ.*).

LXVII. ERISMATURA, *Bp.*
(Salvad. *t. c.* p. 441.)

1. **leucocephala** (*Scop.*). (p. 442.)	Mediterranean countries to C. Asia. N.W. India (*winter*). C. Europe (*occ.*).
2. **jamaicensis** (*Gm.*). (p. 445.)	N. America. C. America & West Indies (*winter*). Colombia (*winter*).
3. **maccoa** (*Smith*). (p. 448.)	S. Africa. E. Africa, N. to Shoa.
4. **ferruginea,** *Eyton.* (p. 449.)	Peru.
5. **æquatorialis,** *Salvad.* (p. 450.)	Ecuador.
6. **vittata,** *Philippi.* (p. 450.)	S. America (Chile, Argentina, Patagonia).
7. **australis** (*Gould*). (p. 451.)	S. & W. Australia. Tasmania.

LXVIII. BIZIURA, *Steph.*
(Salvad. *t. c.* p. 452.)

1. **lobata** (*Temm.*). (p. 452.)	Australia, Tasmania.
2. lautouri, *Forbes,* Tr. N.Z. Inst. xxiv. p. 188 (1892).	New Zealand (Pleistocene).

Sub-Family X. *MERGANETTINÆ.*

(Salvad. Cat. B. xxvii. p. 454, 1895.)

LXIX. SALVADORINA, *Rothsch. & Hartert.*
(Salvad. *t. c.* p. 454.)

1. **waigiuensis,** *Rothsch. & Hartert.* (p. 454.)	Waigiou. S.E. New Guinea.

LXX. HYMENOLÆMUS, *Gray.*
(Salvad. Cat. B. xxvii. p. 455, 1895.)

1. **malacorhynchus** (*Gm.*). (p. 455.) — New Zealand.

LXXI. MERGANETTA, *Gould.*
(Salvad. *t. c.* p. 457.)

1. **frænata**, *Salvad.* (p. 458.) — Chilian Andes.
2. **armata**, *Gould.* (p. 458.) — Chilian Andes.
3. **turneri**, *Scl. & Salv.* (p. 460.) — Andes of S. Peru.
4. **garleppi**, *Berlepsch.* (p. 460.) — Andes of Bolivia and Tucuman.
5. **leucogenys** (*Tschudi*). (p. 461.) — Andes of Peru.
6. **colombiana**, *Des Murs.* (p. 462.) — Andes of Colombia, Ecuador, & Venezuela.

Sub-Family XI. *MERGINÆ.*
(Salvad. Cat. B. xxvii. p. 463, 1895.)

LXXII. MERGUS, *Linn.*
(Salvad. *t. c.* p. 463.)

1. **albellus** (*Linn.*). (p. 464.) — W. Europe & N. Asia.
S. Europe (*winter*).
N. Indian Peninsula, China & Japan (*winter*).
N. America (*acc.*).

LXXIII. LOPHODYTES, *Reichenb.*
(Salvad. *t. c.* p. 468.)

1. **cucullatus** (*Linn.*). (p. 468.) — N. America.
C. America (*winter*).
Greater Antilles (*winter*).
Greenland (*occ.*).
N.W. Europe (*occ.*).

LXXIV. MERGANSER, *Briss.*

(Salvad. Cat. B. xxvii. p. 471, 1895.)

1. **merganser** (*Linn.*). (p. 472.)	N. Europe & N. Asia. S. Europe (*winter*). China & Japan (*winter*).
2. **comatus**, *Salvad.* (p. 475.)	C. Asia, Himalayas to Assam, W. Mongolia.
3. **americanus**, *Cass.* (p. 477.)	N. America. Aleutian Is. United States (*winter*).
4. **squamatus**, *Gould.* (p. 478.)	? China.
5. **serrator** (*Linn.*). (p. 479.)	N. Europe. W. Asia. N. America. Mediterranean Sea (*winter*). Persian Gulf & N.W. India (*winter*). China & Japan (*winter*). United States (*winter*).
6. **australis** (*Hombr. & Jacq.*). (p. 484.)	Auckland Is.
7. **brasilianus** (*Vieill.*). (p. 486.)	S.E. Brazil.

LXXV. Eoucornis, *Amegh.*

(Amegh., Bol. Inst. Geogr. Argent. xv. p. 95, 1895.)

1. **australis**, *Amegh. l. c.*	Patagonia (Miocene).

LXXVI. Eutelornis, *Amegh.*

(Amegh. *t. c.* p. 96.)

1. **patagonicus**, *Amegh. l. c.*	Patagonia (Miocene).

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LXXVII. Lorornis, *Amegh.*

(Amegh. *t. c.* p. 97.)

1. **clibus**, *Amegh. l. c.*	Patagonia (Miocene).

Order XXI. GASTORNITHIFORMES.

Family I. GASTORNITHIDÆ.

(Lydekker, Cat. Foss. B. p. 357, 1891.)

I. **Gastornis**, *Hébert.*
(Lydekker, *t. c.* p. 357.)

1. **parisiensis**, *Hébert.* (L., p. 357.) — France (Lower Eocene).

2. **klaassenii**, *E. T. Newton.* (L., p. 358.) — England (Lower Eocene).

3. **edwardsi**, *Lemoine.* (L., p. 358.) — France (Lower Eocene).

II. **Dasornis**, *Owen.*
(Lydekker, *t. c.* p. 359.)

1. **londinensis**, *Owen.* (L., p. 359.) — England (Eocene).

III. **Remiornis**, *Lemoine.*
(Lemoine, Rech. Ois. Foss. Rheims, ii. p. 158, 1881.)

1. **minor**, *Lydekker, t. c.* p. 360. — France (Lower Eocene).

IV. **Diatryma**, *Cope.*
(Cope, Proc. Acad. Nat. Sci. Philad. 1876 p. 10.)

1. **gigantea**, *Cope, l. c.* p. 11. — New Mexico (Eocene).

V. **Macrornis**, *Seeley.*
(Seeley, Ann. & Mag. Nat. Hist. (3) xviii. p. 110, 1866.

1. **tanaupus**, *Seeley, l. c.* — England (Upper Eocene).

Order XXII. ICHTHYORNITHIFORMES.

Family I. ICHTHYORNITHIDÆ.

(Lydekker, Cat. Foss. B. p. 201, 1891.)

I. Apatornis, *Marsh.*

(Marsh, Amer. J. Sci. v. p. 162, 1873.)

1. **celer** (*Marsh, t. c.* v. p. 74).	W. Kansas (Middle Cretaceous).

II. Cimolopteryx, *Marsh.*

(Marsh, Amer. J. Sci. xliv. p. 175, 1892.)

1. **rara**, *Marsh, l. c.*	Wyoming (Cretaceous).
2. **retusa**, *Marsh, l. c.*	Wyoming (Cretaceous).

III. Graculavus, *Marsh.*

(Marsh, Amer. J. Sci. xlv. p. 83, 1893.)

1. **velox**, *Marsh, op. cit.* iii. p. 363 (1872).	New Jersey (Cretaceous).
2. **pumilus**, *Marsh, l. c.* p. 363.	New Jersey (Cretaceous).

IV. Ichthyornis, *Marsh.*

(Marsh, Amer. J. Sci. iv. p. 344, 1872.)

1. **dispar**, *Marsh, l. c.*	N.W. Kansas (Cretaceous).
2. **agilis**, *Marsh, op. cit.* v. p. 230 (1873).	W. Kansas (Cretaceous).
3. **anceps**, *Marsh, op. cit.* iii. p. 364 (1872).	W. Kansas (Cretaceous).
4. **lentus**, *Marsh, op. cit.* xiv. p. 253 (1877).	Texas (Cretaceous).
5. **tener**, *Marsh*, Odontorn. p. 198 (1880).	N.W. Kansas (Cretaceous).
6. **validus**, *Marsh, l. c.* p. 198.	N.W. Kansas (Cretaceous).
7. **victor**, *Marsh*, Amer. J. Sci. xi. p. 511 (1876).	Kansas (Cretaceous).

V. Laornis, *Marsh.*

(Marsh, Proc. Acad. Nat. Sci. Philad. 1870, p. 5.)

1. **edwardsianus**, *Marsh, l. c.*	New Jersey (Cretaceous).

Order XXIII. PELECANIFORMES.

(Sharpe, Classif. B. p. 76, 1891.)

Family I. PHALACROCORACIDÆ.

(Ogilvie Grant, Cat. B. xxvi. p. 330, 1898.)

I. PHALACROCORAX, *Briss.*

(Ogilvie Grant, *t. c.* p. 330.)

1. **carbo** (*Linn.*). (p. 340.)	Europe. N. Asia. Greenland. E. N. America to Georgia. Africa. Indian Peninsula to China & Australia.
2. **filamentosus** (*Temm. & Schl.*). (p. 350.)	E. Siberia, Japan, China.
3. **lucidus** (*Licht.*). (p. 351.)	Tropical Africa. Cape Verde Is.
4. **capensis** (*Sparrm.*). (p. 352.)	S. Africa to Natal, W. to Lower Congo.
5. **gaimardi** (*Garnot*). (p. 353.)	Western S. America.
6. **punctatus** (*Sparrm.*). (p. 354.)	New Zealand.
7. **featherstoni**, *Buller.* (p. 356.)	Chatham Is.
8. **perspicillatus**, *Pall.* (p. 357.)	Bering Isl. (*extinct*).
9. **bicristatus**, *Pall.* (p. 358.)	E. Siberia, Kuril Is., Kamtchatka, Alaska.
10. **pelagicus**, *Pall.* (p. 360.)	Kamtchatka, Aleutian Is. Kuril Is. (*winter*). N. Japan (*winter*). China (*winter*).
11. **robustus**, *Ridgw.* (p. 360, pt.) *	Alaska, S. to Washington Terr.

* This form is recognized in the A. O. U. 'Check-List,' but is disallowed by Mr. Ogilvie Grant.

12. **resplendens,** *Ridgw.* (p. 360, pt.)*	Western N. America. Washington Terr. to W. Mexico.
13. **penicillatus** (*Brandt*). (p. 363.)	Western N. America.
14. **graculus** (*Linn.*). (p. 364.)	Coasts of W. Europe. Faeroes. Iceland.
15. **desmaresti,** *Payr.* (p. 368.)	Mediterranean, Black & Caspian Seas.
16. **chalconotus,** *Gray.* (p. 369.)	New Zealand.
17. **auritus** (*Less.*). (p. 370.)	Eastern & Central N. America. West Indies.
18. **cincinatus** (*Brandt*). (p. 373.)	Western N. America.
19. **neglectus** (*Wahlb.*). (p. 374.)	S. Africa.
20. **fuscicollis,** *Steph.* (p. 375.)	Indian Peninsula, Ceylon, Burmese countries.
21. **sulcirostris** (*Brandt*). (p. 376.)	Australia. New Zealand. Austro-Malayan Is. to S. Borneo.
22. **vigua** (*V.*). (p. 378.)	S. & C. America, N. to Texas.
23. **mexicanus** (*Brandt*). (p. 381.)	Valley of the Lower Mississippi to W. Mexico, Guatemala, Nicaragua.
24. **carunculatus** (*Gm.*). (p. 384.)	Queen Charlotte Sound, New Zealand.
25. **onslowi,** *Forbes.* (p. 385.)	Chatham Is.
26. **stewarti,** *Ogilvie Grant.* (p. 386.)	S. Isl., New Zealand; Stewart Isl., N. Z.
27. **colensoi,** *Buller.* (p. 386.)	Auckland Is.
28. **campbelli** (*Filhol*). (p. 387.)	Campbell Isl.

* This form is recognized in the A. O. U. 'Check-List,' but is not considered to be distinct by Mr. Ogilvie Grant.

29. **bougainvillii** (*Less.*). (p. 387.)	Western S. America (Peru, Chile).
30. **magellanicus** (*Gm.*). (p. 388.)	Southern S. America. Falkland Is.
31. **atriceps** (*King*). (p. 390.)	South-western S. America. ? S. Georgia.
32. **albiventer** (*Less.*). (p. 392.)	Straits of Magellan. Falkland Is.
33. **traversi**, *Rothsch.*, Bull. B. O. C. viii. p. xxi (1898).	Macquarie Is.
34. **verrucosus** (*Cab.*). (p. 393.)	Kerguelen Isl., ? Crozette Is.
35. **varius** (*Gm.*). (p. 394.)	New Zealand.
36. **gouldi** (*Salvad.*). (p. 396.)	Louisiade Arch., E. & S. Australia, Tasmania.
37. **hypoleucus** (*Brandt*). (p. 397.)	W. Australia.
38. **melanoleucus** (*V.*). (p. 398.)	Australia. New Zealand. New Guinea, Moluccas, Lesser Sunda Is.
39. **brevirostris**, *Gould*. (p. 400.)	New Zealand. Chatham Is.
40. **javanicus** (*Horsf.*). (p. 402.)	Indian Peninsula. Ceylon. Indo-Chinese countries. Malay Peninsula. Greater Sunda Is.
41. **pygmæus** (*Gm.*). (p. 405.)	C. & S. Europe. C. Asia to E. Siberia.
42. **africanus** (*Gm.*). (p. 407.)	Egypt. Tropical (E. & S.) Africa. Madagascar.
43. **sp.**, *Lydekker*, Cat. Foss. B. p. 51 (1891).	New Zealand (Pleistocene).
44. **sp.**, *Lydekker*, *t. c.* p. 52.	New Zealand (Pleistocene).
45. **sp.**, *Lydekker*, *t. c.* p. 53.	Siwalik Hills (Pliocene).

46. **intermedius** (*Milne-Edw.*). (L., p. 53.)	France (Middle Miocene).
47. **miocaenus** (*Milne-Edw.*). (L., p. 54.)	France (Lower Miocene).
48. **littoralis** (*Milne-Edw.*). (L., p. 56.)	France (Lower Miocene).
49. **idahoensis** (*Marsh*, Amer. J. Sci. 1870, p. 217).	Idaho, U.S.A. (Pliocene).
50. **pampeanus**, *Moreno & Merc.*, An. Mus. La Plata, i. p. 19, pl. xviii. fig. 8 (1891).	Argentina (Pliocene).
51. **major**, *Forbes*, Trans. N.Z. Inst. xxiv. p. 189 (1892).	New Zealand (Pleistocene).
52. **macropus** (*Cope*, Bull. U.S. Geol. Surv. iv. no. 2, p. 386, 1878).	Oregon (Pliocene).

II. **Pallasicarbo**, *Coues*, MSS. 1898.

1. **perspicillatus** (*Pall.*). (p. 357.)	Bering Isl. [*Extinct.*]

III. **NANNOPTERUM**, gen. n.*

(*Phalacrocorax*, pt., Rothsch. Bull. B. O. C. vii. p. lii, 1897; Ogilvie Grant, Cat. B. xxvi. p. 655, 1898.)

— 1. **harrisi**, *Rothsch. l. c.* (p. 655.)	Narborough Isl., Galapagos Is.

IV. **Actiornis**, *Lydekker*.

(Lydekker, Cat. Foss. B. p. 56, 1891.)

1. **anglicus**, *Lydekker, l. c.*	England (Upper Eocene).

Family II. ODONTOPTERYGIDÆ.

(Lydekker, Cat. Foss. B. p. 57, 1891.)

I. **Odontopteryx**, *Owen*.

(Lydekker, *t. c.* p. 57.)

1. **toliapica**, *Owen*. (L., p. 57.)	England (Lower Eocene).

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* *Phalacrocorax* alis brevissimis, quibus minimè volare potest avis inepta.

Family III. PLOTIDÆ.

(Ogilvie Grant, Cat. B. xxvi. p. 410, 1898.)

I. PLOTUS, *Linn.*

(Ogilvie Grant, *t. c.* p. 410.)

1. **rufus**, *Daud.* (p. 412.)	N. Syria (Lake of Antioch). Tropical Africa. Madagascar.
2. **melanogaster** (*Gm.*). (p. 414.)	Mesopotamia. Indian Peninsula, Indo-Chinese countries, Indo-Malayan Peninsula, Borneo, Philippine Is., Celebes.
3. **novæ-hollandiæ**, *Gould.* (p. 417.)	Australia. New Zealand. S.E. New Guinea.
4. **anhinga** (*Linn.*). (p. 419.)	Tropical N. America. C. & S. America.
5. **nanus**, *E. Newt. & Gadow*, Tr. Z. S. xiii. p. 288 (1893).	Mauritius (Pleistocene).
6. **parbus**, *De Vis*, Proc. Linn. Soc. N. S. W. iii. p. 1286 (1888).	Queensland (Post-Tertiary).

Family IV. SULIDÆ.

(Ogilvie Grant, Cat. B. xxvi. p. 423.)

I. SULA, *Briss.*

(Ogilvie Grant, *t. c.* p. 423.)

1. **bassana** (*Linn.*). (p. 425.)	N. Atlantic. Gulf of Mexico (*winter*). N. Africa (*winter*). Canary Is. (*winter*).
2. **serrator**, *Gray.* (p. 428.)	Australia. New Zealand.
3. **capensis** (*Licht.*). (p. 429.)	S. Africa to Zanzibar and Lower Congo.

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4. **cyanops** (*Sundev.*). (p. 432.)	S. Tropical Seas.
5. **abbotti**, *Ridgw.*, Proc. U.S. Nat. Mus. xvi. p. 599 (1893).	Assumption Isl., Indian Ocean.
6. **piscatrix** (*Linn.*). (p. 432.)	S. Atlantic. Indian & Australian Seas. Oceania.
7. **websteri**, *Rothsch.*, Bull. B. O. C. vii. p. liii (1898). (p. 655.)	Clarion Isl. to Lower California.
8. **variegata** (*Tschudi*). (p. 434.)	Western S. America.
9. **nebouxi**, *Milne-Edw.* (p. 435.)	Western America (Lower California to Chile).
10. **sula** (*Linn.*). (p. 436.)	Tropical Atlantic. Indian, Australian, and Pacific Oceans.
11. **brewsteri**, *Goss.* (p. 440.)	W. America (Lower California to Galapagos Is.).
12. **arbernensis**, *Milne-Edw.* (Lydekker, Cat. Foss. B. p. 46.)	France (Lower Miocene).
13. **ronjoni**, *Gerv.* (Lyd. *t. c.* p. 46.)	France (Lower Miocene)
14. **pygmaea**, *Milne-Edw.*, Bibl. Haut Études, vi. art. v. (1874).	France (Miocene).
15. **loxostyla**, *Cope*, Tr. Amer. Phil. Soc. xiv. p. 236 (1872).	N. Carolina (Miocene).

Family V. FREGATIDÆ.

(Ogilvie Grant, Cat. B. xxvi. p. 442, 1898.)

I. FREGATA, *Briss.*

(Ogilvie Grant, *t. c.* p. 442.)

1. **aquila** (*Linn.*). (p. 443.)	Tropical & Sub-tropical Oceans of both hemispheres.
2. **ariel** (*Gould*). (p. 447.)	Tropical & Sub-tropical Indian and Pacific Oceans.

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Family VI. PHAETHONTIDÆ.

(Ogilvie Grant, Cat. B. xxvi. p. 442, 1898.)

I. PHAETHON, *Linn.*

(Ogilvie Grant, *t. c.* p. 450.)

1. **rubricauda**, *Bodd.* (p. 451.)	Tropical Indian & Pacific Oceans. Lower California (*acc.*).
2. **lepturus**, *Daud.* (p. 453.)	Tropical Atlantic, Indian & Pacific Oceans.
3. **fulvus** (*Brandt*). (p. 455.)	Christmas Isl., Indian Ocean.
4. **americanus**, *Ogilvie Grant.* (p. 456.)	S.E. North America (Bermudas to West Indian Is.).
5. **æthereus**, *Linn.* (p. 457.)	Tropical Atlantic and Pacific Oceans.
6. **indicus**, *Hume.* (p. 459.)	Indian Ocean.

Family VII. PELECANIDÆ.

(Ogilvie Grant, Cat. B. xxvi. p. 460, 1898.)

1. PELECANUS, *Linn.*

(Ogilvie Grant, *t. c.* p. 460.)

1. **onocrotalus**, *Gm.* (p. 462.)	S. Europe. Africa. N.W. India.
2. **roseus**, *Gm.* (p. 466.)	Indian Peninsula to China and S. to Indo-Malayan Is. S.E. Europe. Africa.
3. **crispus**, *Bruch.* (p. 468.)	S. Europe to N.W. India, Mongolia, & China.
4. **philippensis**, *Gm.* (p. 471.)	Indian Peninsula to China & the Philippine Is.

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5. **rufescens**, *Gm.* (p. 474.)	Tropical N. E. Africa.
6. **fuscus**, *Gm.* (p. 476.)	Gulf of Mexico, West Indies.
7. **californicus**, *Ridgw.* (p. 479.)	Western N. America to C. America and Galapagos Arch.
8. **thagus**, *Mol.* (p. 480.)	W. S. America (Peru to Chile).
9. **erythrorhynchus**, *Gm.* (p. 481.)	N. America. C. America (*winter*).
10. **conspicillatus**, *Temm.* (p. 483.)	Australia. Tasmania. New Guinea.
11. **cautleyi**, *Davies.* (Lydekker, Cat. Foss. B. p. 37.)	Siwalik Hills (Lower Pliocene).
12. **sivalensis**, *Davies.* (L., p. 39.)	Siwalik Hills (Older Pliocene).
13. **intermedius**, *Fraas.* (L., p. 39.)	Bavaria (Middle Miocene).
14. **sp.** (L., p. 44.)	Bavaria (Middle Miocene).
15. **fraasi**, *Lydekker.* (L., p. 44.)	Bavaria (Middle Miocene).
16. **gracilis**, *Milne-Edw.* (L., p. 45.)	France (Lower Miocene).
17. **proabus**, *De Vis*, Proc. Linn. Soc. N. S. W. (2) vi. p. 441 (1892).	Queensland (Pleistocene).

Family VIII. PELAGORNITHIDÆ.

I. Pelagornis, *Lydekker.*

(Lydekker, Cat. Foss. B. p. 47, 1891.)

1. **miocaenus**, *Lydekker, l. c.*	France (Miocene).

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II. **Argillornis**, *Owen*.
(Lydekker, Cat. Foss. B. p. 47, 1891.)

1. **longipennis**. *Owen*. (Lydekker, *l. c.*) — England (Lower Eocene).

III. **Liptornis**, *Amegh*.
(Amegh., Bol. Inst. Geogr. Argent. xv. p. 99, 1895.)

1. **hesternus**. *Amegh. l. c.* — Patagonia (Miocene).

Order XXIV. CATHARTIDIFORMES.

(Sharpe, Classif. B. p. 78, 1891.)

Family I. CATHARTIDÆ.

I. **SARCORHAMPHUS**, *Dum*.
(Sharpe, Cat. B. i. p. 20, 1874.)

1. **gryphus** (*Linn.*). (p. 20.) — Andes of Ecuador, Peru, Chile, and Patagonia, N. to Rio Negro.

2. **æquatorialis**, *Sharpe*. (p. 21.) — Ecuador. ? Colombia.

II. **GYPAGUS**, *Vieill*.
(*Cathartes*, nec Ill., Sharpe, *t. c.* p. 22.)

1. **papa** (*Linn.*). (p. 22.) — Mexico to Panama. Tropical S. America.

III. **CATHARISTES**, *Vieill*.
(Sharpe, *t. c.* p. 23.)

1. **urubu** (*Vieill.*). (p. 24.)* — Tropical S. America. C. America. E. & S. United States.

IV. **CATHARTES**, *Illig*.
[*Rhinogryphus*, Ridgw. (p. 455); *Œnops*, Sharpe (p. 25).]

1. **aura** (*Linn.*). (p. 25.) — N. & C. America. Tropical S. America (*winter*).

2. **falklandicus** (*Sharpe*). (p. 27.) — Falkland Is., Patagonia, Chile.

3. **perniger** (*Sharpe*). (p. 26.) — Guiana, Amazonia, Peru.

* *Cf.* Coues, Auk, xvii. p. 84 (Jan. 1899).

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4. **burrovianus**, *Cass.*, Proc. Acad. Philad. ii. p. 212 (1845). [*urubitinga*, Pelz. (p. 28.)]	Amazonia, Guiana, N. to E. Mexico.

V. PSEUDOGRYPHUS, *Ridgw.*

(Sharpe, Cat. B. i. p. 455, 1874.)

1. **californianus** (*Shaw & Nodder*). (p. 28.)	Southern California to Lower California.

VI. Palæoborus, *Coues.*

(Coues, Key N. A. B. 1884, p. 822.)

1. **umbrosus** (*Cope*, Proc. Acad. Philad. 1874, p. 151).	New Mexico (Pliocene).

Order XXV. ACCIPITRIFORMES.

(Sharpe, Classif. B. p. 78, 1891.)

Sub-Order I. *SERPENTARII.*

(Sharpe, *t. c.* p. 78.)

Family I. SERPENTARIIDÆ.

I. SERPENTARIUS, *Cuv.*

(Sharpe, Cat. B. i. p. 44, 1874.)

1. **serpentarius** (*Miller*). [*secretarius*, Cat. p. 45.]	S. & E. Africa.
2. **gambiensis**, *Ogilby*. (p. 45, pt.)	* Senegambia, Sudan, to Shoa.
3. **robustus**, *Milne-Edw.* (Lydekker, Cat. Foss. B. p. 33.)	France (Lower Miocene).

Sub-Order II. *ACCIPITRES.*

(Sharpe, Classif. B. p. 78, 1891.)

Family I. VULTURIDÆ.

(Sharpe, Cat. B. i. p. 2, 1874.)

I. VULTUR, *Briss.*

(Sharpe, *t. c.* p. 2.)

1. **monachus** (*Linn.*). (p. 3.)	S. Europe. N.E. Africa. C. Asia to India & China.

* Count Salvadori considers that the Secretary-bird of the Sudan is distinct from the South-African bird.

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II. GYPS, *Savigny*.

(Sharpe, Cat. B. i. p. 4, 1874.)

1. **fulvus** (*Gm.*). (p. 6.) [*hispaniolensis*, Sharpe, Cat. p. 6.]	S. & C. Europe. N. Africa & Sudan.
2. **fulvescens**, *Hume*. (p. 7.)	Afghanistan, N. India.
3. **himalayensis**, *Hume*. (p. 8.)	Himalayas, Tibet, Turkestan.
4. **kolbi** (*Daud.*). (p. 8, pl. i.)	S. Africa.
5. **rueppelli** (*Brehm*). (p. 9.)	W. Egypt, N.E. Africa, E. Africa to Transvaal, Damara-land.
6. **indicus** (*Scop.*). (p. 10.) [*tenuirostris*, Hodgs., Blanf. Faun. Brit. Ind., Birds, iii. p. 322, 1895.]	Indian Peninsula, Indo-Chinese countries, Malay Peninsula.
7. **pallescens**, *Hume*. (p. 11.) [*indicus*, Scop. *teste* Blanford, *t. c.* p. 323.]	N.W. India.
8. **melitensis**, *Lydekker*, P. Z. S. 1890, p. 404; *id.* Cat. Foss. B. p. 29.	Malta (Pleistocene).

III. PSEUDOGYPS, *Sharpe*.

(Sharpe, *t. c.* p. 11.)

1. **bengalensis** (*Gm.*). (p. 11.)	Indian Peninsula, Indo-Chinese countries, Malay Peninsula.
2. **africanus** (*Salvad.*). (p. 12.)	Tropical Africa.

IV. OTOGYPS, *Gray*.

(Sharpe, *t. c.* p. 13.)

1. **auricularis** (*Daud.*). (p. 13.)	Tropical Africa, Egypt. S. Europe (*occ.*).
2. **calvus** (*Scop.*). (p. 14.)	Indian Peninsula, Indo-Chinese countries.

V. LOPHOGYPS, *Bp*.

(Sharpe, *t. c.* p. 15.)

1. **occipitalis** (*Burch.*). (p. 15.)	Tropical Africa.

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VI. NEOPHRON, *Savign.*
(Sharpe, Cat. B. i. p. 16, 1874.)

1. **percnopterus** (*Linn.*). (p. 17.) — S. Europe. Africa. Mediterraneo-Persic Sub-region.
2. **ginginianus** (*Lath.*). (p. 18.) — Indian Peninsula.

VII. NECROSYRTES, *Gloger.*
[*Neophron*, pt., Sharpe, *t. c.* p. 16.]

1. **pileatus** (*Burch.*). (p. 18.) — S. Africa.
2. **monachus** (*Temm.*). (p. 19.) — N.E. Africa. E. Africa: Sudan. W. Africa.

INCERTÆ SEDIS.

VIII. Lithornis, *Owen.*
(Lydekker, Cat. Foss. B. p. 34.)

1. **bulturinus**, *Owen.* (L., p. 35.) — England (Lower Eocene)

IX. Teracus, *Aymard.*
(Lydekker, *t. c.* p. 28.)

1. **littoralis**, *Aymard.* (L., p. 28.) — France (Lower Miocene).

Family II. FALCONIDÆ.
(Sharpe, Cat. B. i. p. 30, 1874.)

Sub-Family I. *POLYBORINÆ.*
(Sharpe, *t. c.* p. 30.)

I. POLYBORUS, *Vieill.*
(Sharpe, *t. c.* p. 31.)

1. **tharus** (*Mol.*). (p. 31.) — Brazil & Amazonia, S. to Str. of Magellan.
2. **cheriway** (*Jacq.*). (p. 33.) — S. United States & Lower California to C. America, Colombia, Ecuador, Guiana. Trinidad. Cuba.
3. **pallidus**, *Nelson*, Proc. Biol. Soc. Washington, xii. p. 8 (1898). — Tres Marias Is.
4. **lutosus**, *Ridgw.*, Bull. U.S. Geol. Surv. i. p. 489 (1876). — Guadalupe Is., California.

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II. IBYCTER, *Vieill.*

(Sharpe, Cat. B. i. p. 34, 1874.)

1. **ater** (*Vieill.*). (p. 35.)	Brazil. Amazonia to Guiana and Ecuador.
2. ? **fasciatus** (*Spix*). (p. 34, note.)	Brazil.
3. **americanus** (*Bodd.*). (p. 36.)	Brazil and Amazonia to Ecuador & Colombia. C. America to Honduras & Guatemala.
4. **megalopterus** (*Meyen*). (p. 36.)	Andes of Peru, Chile, and Bolivia.
5. **albigularis** (*Gould*). (p. 37.)	Patagonia.
6. **carunculatus** (*Des Murs*). (p. 38.)	Ecuador, Colombia.
7. **australis** (*Gm.*). (p. 39.)	Falkland Is.

III. MILVAGO, *Spix.*

(*Ibycter*, pt., Sharpe, *t. c.* p. 39.)

1. **chimachima** (*Vieill.*). (p. 40.)	Brazil, Amazonia, Guiana, Colombia, Panama.
2. **chimango** (*Vieill.*). (p. 41.)	S.E. Brazil. Chile to Straits of Magellan.

Sub-Family II. *ACCIPITRINÆ.*

(Sharpe, Cat. B. i. p. 46, 1874.)

IV. POLYBOROIDES, *Smith.*

(Sharpe, *t. c.* p. 47.)

1. **radiatus** (*Scop.*). (p. 48.)	Madagascar.
2. **typicus**, *Smith.* (p. 48.)	Tropical Africa.

V. Harpagornis, *Haast.*

(Haast, Trans. N.Z. Inst. iv. p. 192, 1891.)

1. **moorei**, *Haast, l. c.*	New Zealand (Pleistocene).

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VI. CIRCUS, *Lacép.*

(Sharpe, Cat. B. i. p. 50, 1874.)

1. **cyaneus** (*Linn.*). (p. 52.)	N. Europe & N. Asia. N.E. Africa. Indian Peninsula and China (*winter*).
2. **hudsonius** (*Linn.*). (p. 55.)	N. America. C. America (*winter*). Bahamas (*winter*). Cuba (*winter*).
3. **cinereus**, *Vieill.* (p. 56.)	S. Brazil to Peru, S. to Chile & Str. of Magellan. Falkland Is.
4. **spilonotus**, *Kaup.* (p. 58.)	E. Siberia. China & Indo-Burmese countries (*winter*). Malay Archipelago (*winter*).
5. **maillardi**, *Verr.* (p. 59.)	Réunion Isl. Comoro Is.
6. **macroscelis**, *A. Newton.* (p. 73.)	Madagascar.
7. **spilothorax**, *Salvad. & D'Alb.*, Ann. Mus. Civic. Genov. vii. p. 807 (1875).	S.E. New Guinea.
8. **maurus** (*Temm.*). (p. 60.)	S. Africa.
9. **melanoleucus** (*Forst.*). (p. 61.)	E. Siberia, Mongolia. China (*winter*). Philippines (*winter*). N.E. Indian Peninsula & Indo-Chinese countries (*winter*).
10. **maculosus** (*Vieill.*). (p. 62.)	S. America.
11. **assimilis**, *J. & S.* (p. 63.)	E. Australia. Celebes.
12. **pygargus** (*Linn.*). (p. 64.)	Temperate Europe & Asia. Africa (*winter*). Indian Peninsula (*winter*). China (*winter*).

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13. **abdullæ**, *Floericke*, Orn. MB. iv. p. 155 (1896).	Caucasus.
14. **macrurus** (*S. G. Gm.*). (p. 67.)	E. Europe & Temperate Asia. Africa (*winter*). Indian Peninsula and China (*winter*).
15. **æruginosus** (*Linn.*). (p. 69.)	Temperate Europe. Siberia. China (*winter*). Indian Peninsula (*winter*). N. Africa (*winter*).
16. **ranivorus** (*Daud.*). (p. 71.)	S. Africa.
17. **gouldi**, *Bp.* (p. 72.)	S. & E. Australia. New Zealand.
18. **wolfi**, *Gurney*. (p. 72, pt.)	New Caledonia. Fiji Is.
19. **hamiltoni**, *H. O. Forbes*, Trans. N.Z. Inst. xxiv. p. 186 (1892).	New Zealand (Pleistocene).
20. **teautensis**, *H. O. Forbes*, *t. c.* p. 186.	New Zealand (Pleistocene).

VII. MICRA' TUR, *Gray*.

(Sharpe, Cat. B. i. p. 74, 1874.)

1. **melanoleucus** (*Vieill.*). (p. 75.)	C. & S. America.
2. **mirandollei** (*Schl.*). (p. 76.)	Amazonia, Guiana, Panama.
3. **ruficollis** (*Vieill.*). (p. 76.)	Brazil & Amazonia, Guiana, Venezuela.
4. **pelzelni**, *Ridgw.*, Proc. Acad. Nat. Sci. Philad. 1875, p. 494.	Upper Amazonia.
5. **galvicollis** (*Vieill.*). (p. 78.)	Brazil, Amazonia, Colombia, Peru.
6. **guerilla**, *Cass.* (p. 79.)	C. America, Ecuador.
7. **jugularis**, *Gurney*, List Diurn. B. Prey, pp. 25, 117 (1884).	Brazil, Venezuela, Colombia.
8. **zonothorax** (*Cab.*). (p. 79.)	Colombia, Venezuela.

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VIII. GERANOSPIZIAS, *Sundev.*

(Sharpe, Cat. B. i. p. 80, 1874.)

1. **cærulescens** (*Vieill.*). (p. 81.)	Tropical S. America. Brazil, Bolivia, Ecuador to Panama.
2. **niger** (*Du Bus*). (p. 82.)	C. America. Mexico to Panama.
3. **gracilis** (*Temm.*). (p. 81, pt.)	Brazil, Paraguay.

IX. UROTRIORCHIS, *Sharpe.*

(Sharpe, *t. c.* p. 83.)

1. **macrurus** (*Hartl.*). (p. 83.)	W. Africa.

X. PARABUTEO, *Ridgw.*, in B., B., & R. Hist. N. Amer. B. iii. p. 248 (1874).

[*Antenor*, Ridgw. (nec Montf.), Pr. Bost. Soc. N. H. xvi. p. 63 (1873).
Erythrocnema, Sharpe, Cat. B. i. p. 84 (1874).]

1. **unicinctus** (*Temm.*). (p. 85.)	Tropical S. America.
2. **harrisi** (*Audub.*). (p. 85, pt.)	S. United States. Lower California. Central America.

XI. MELIERAX, *Gray.*

(Sharpe, *t. c.* p. 86.)

1. **canorus** (*Rüppel*). (p. 87.)	E. Africa.
2. **poliopterus**, *Cab.* (p. 88.) [*somaliensis*, Oscar Neumann, Orn. MB. v. p. 192 (1897).]	E. Africa (Somali-land to Kilimanjaro).
3. **polyzonus** (*Rüpp.*). (p. 88.)	N.E. Africa (Sudan to Mogador and Senegambia). S. Arabia.
4. **mechowi**, *Cab.*, J. f. O. 1882, p. 229.	Angola, Damara-land to Mashona-land.

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5. ?**metabates**, *Heugl.* (p. 92.)	White Nile.
6. **gabar** (*Daud.*). (p. 89.)	S. Africa. E. & N.E. Africa.
7. **niger** (*Vieill.*). (p. 91.)	S. Africa. E. & N.E. Africa.

XII. ASTUR, *Lacép.*

(Sharpe, Cat. B. i. p. 92, 1874.)

1. **palumbarius** (*Linn.*). (p. 95.)	N. & C. Europe. Siberia. Himalayas.
2. **hensti**, *Schl.* (p. 97.)	Madagascar.
3. **candidissimus**, *Dyb.*, Bull. Soc. Zool. France, viii. p. 353 (1883).	Kamtchatka.
4. **atricapillus** (*Wils.*). (p. 99.)	N. America.
5. **striatulus**, *Ridgw.* (p. 456.)	Western N. America (Sitka to Sierra Nevada).
6. **tachiro** (*Daud.*). (p. 99.)	S.E. Africa.
7. **unduliventer** (*Rüpp.*). (p. 99, pt.)	N.E. Africa.
8. **sparsimfasciatus**, *Reichen.*, Orn. MB. iii. p. 97 (1895).	Zanzibar Isl.
9. **castanilius** (*Bp.*). (p. 80.) [*macroscelides*, Hartl. (p. 100.)]	W. Africa.
10. **toussenelii**, *Verr.* (p. 101.)	W. Africa.
11. **trinotatus** (*Bp.*). (p. 101.)	N. Celebes.
12. **hæsitandus** (*Hartert*, Nov. Zool. iii. p. 162, 1896).	S. Celebes.
13. **henicogrammus**, *Gray.* (p. 124.) [*muelleri*, Wall. (p. 102.)]	Moluccas (Halmahéra, Morotai).
14. **iogaster** (*Müll. & Schl.*). (p. 104.)	Moluccas (Amboina, Ceram).

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15. **etorques** (*Salvad.*, Ann. Mus. Civic. Genov. vii. p. 901, 1878).	New Guinea, Salawati Isl., Jobi Isl., Mafor Isl.
16. **dampieri**, *Gurney*, Ibis, 1882, p. 453.	Bismarck Archipelago.
17. **pulchellus**, *Ramsay*, Journ. Linn. Soc. xvi. p. 131 (1881).	Solomon Is. (Cape Pitt, Florida Isl.).
18. **misoriensis** (*Salvad.*, Ann. Mus. Civic. Genov. vii. p. 904, 1875).	Misori & Jobi Is., N.W. New Guinea.
19. **shebæ**, *Sharpe*, P. Z. S. 1888, p. 183.	Solomon Is. (Guadalcanar).
20. **sylvestris** (*Wall.*). (p. 104.)	Lesser Sunda Is. (Flores).
21. **sumbaensis** (*A. B. Meyer*, Abhandl. Ber. Mus. Dresd. 1892-93, p. 7).	Lesser Sunda Is. (Sumba).
22. **trivirgatus** (*Temm.*). (p. 105.)	Indian Peninsula, Ceylon, Indo-Malayan Is., Formosa.
23. **rufitinctus**, *McClell.*, P. Z. S. 1839, p. 153.	E. Himalayas to Assam, Khasia Hills, Indo-Chinese countries.
24. **griseiceps** (*Schl.*). (p. 106.)	Celebes.
25. **brutus** (*Poll.*). (p. 107.)	Mayotte Isl., N. of Madagascar.
26. **badius** (*Gm.*). (p. 109.)	Indian Peninsula and Ceylon.
27. **poliopsis** (*Hume*). (p. 110.)	Burmese countries.
28. **cenchroides**, *Severtz.*, Turkest. Jevotn. p. 63 (1873).	C. Asia. Baluchistan.
29. **brevipes**, *Severtz.* (p. 111.)	S.E. Europe, Palestine, Egypt.
30. **sphenurus** (*Rüpp.*). (p. 112.)	N.E. Africa : Sudan to Senegambia.

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31. **polyzonoides** (*Smith*). (p. 113.)	S. Africa, N. to Nyasa-land.
32. **butleri**, *J. H. Gurney, Jun.*, Bull. B. O. C. vii. p. xxvii (1898).	Car Nicobar Isl.
33. **soloensis** (*Lath.*). (p. 114.)	China, Indo-Chinese countries. Malay Peninsula (*winter*), Indo-Malayan Is. (*winter*), Molucca Is. (*winter*).
34. **cuculoides** (*Temm.*). (p. 115.)	China, S. to Malayan Archipelago (*winter*).
35. **tibialis**, *Verr.* (p. 108.) *	W. Africa.
36. **franciscæ** (*Smith*). (p. 116.)	Madagascar.
37. **pusillus** (*Gurney*, Ibis, 1875, p. 259).	Comoro Is.
38. **poliocephalus** (*Gray*). (p. 117.) [*spilothorax* (Salvad. Ann. Mus. Civic. Genov. vii. p. 900, 1875).]	New Guinea, Salawati, Mysol, Waigiou, Aru Is.
39. **cinereus** (*Vieill.*). (p. 119.)	S. & E. Australia.
40. **novæ-hollandiæ** (*Gm.*). (p. 118.)	S. & E. Australia, Tasmania.
41. **leucosomus**, *Sharpe*. (p. 119.)	New Guinea, Waigiou.
42. **haplochrous** (*Scl.*). (p. 119.)	New Caledonia.
43. **albigularis** (*Gray*). (p. 120.)	Solomon Is. (S. Christoval).
44. **versicolor**, *Ramsay*, Proc. Linn. Soc. N. S. W. vi. p. 718 (1881).	Ugi Isl., Solomon Archipelago.
45. **sharpei**, *Oust.*, Bull. Soc. Philom. (6) ii. p. 25 (1879).	Marianne Is.
46. **jardinii**, *Gurney*, Ibis, 1887, p. 96, pl. iii.	Patr. ign.

* ? *castanilius*, juv., Reichenow *in litt.*

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47. **woodfordi,** *Sharpe*, P. Z. S. 1888, p. 183.	Solomon Is. (Guadalcanar).
48. **meyerianus,** *Sharpe*, Journ. Linn. Soc. xiii. p. 458, pl. 22 (1877).	Jobi Isl., N.W. New Guinea.
49. **poliogaster** (*Temm.*). (p. 120.)	Brazil.
50. **pectoralis** (*Bp.*). (p. 121.)	Brazil, Guiana.
51. **rufitorques,** *Peale*. (p. 121.)	Fiji Is.
52. **griseigularis,** *Gray*. (p. 124.) [*halmaheræ*, A. B. Meyer, Sitz. Ges. 'Isis,' Dresd. 1884, Abh. i. p. 11.]	Molucca Is. (Halmahéra, Batchian, etc.), Obi Is.
53. **albiventris,** *Salvad.*, Ann. Mus. Civic. Genov. vii. p. 982 (1875).	Kei Is., Moluccas.
54. **novæ-guineæ,** *Madarász*, Termes Fuzet. 1899, p. 27.	German New Guinea.
55. **natalis,** *Lister*, P. Z. S. 1888, p. 523.	Christmas Isl., Indian Ocean.
56. **polionotus,** *Salvad.*, Mem. Accad. Torino, xl. p. 19 (1889).	Tenimber Isl.
57. **pallidiceps** (*Salvad.*, Ibis, 1879, p. 473).	Molucca Is. (Buru).
58. **melanochlamys** (*Salvad.*, Ann. Mus. Genov. vii. p. 905, 1875).	N.W. New Guinea.
59. **holomelas,** *Sharpe*, P. Z. S. 1888, p. 182.	Solomon Is. (Guadalcanar).
60. **torquatus** (*Temm.*). (p. 125.)	New Guinea. Lesser Sunda Is.
61. **approximans,** *Vig.* (p. 126.) [*maculosus*, Coles, Vict. Nat. xiv. p. 43, 1897.]	Australia.
62. **cruentus,** *Gould*. (p. 127.)	W. Australia.
63. **wallacii,** *Sharpe*. (p. 128.)	Lesser Sunda Is. (Lombok).
64. **alphonsii,** *E. Newt. & Gadow*, Tr. Z. S. xiii. p. 285, pl. xxxiii. figs. 9, 10 (1893).	Mauritius (Pleistocene).

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XIII. NISOIDES, *Pollen.*

(Sharpe, Cat. B. i. p. 129, 1874.)

1. **moreli**, *Pollen.* (p. 129.)	W. Madagascar.

XIV. ACCIPITER, *Briss.*

(Sharpe, *t. c.* p. 132, 1874.)

1. **nisus** (*Linn.*). (p. 132.)	Europe & N. Asia. Indian Peninsula, China (*winter*).
2. **pallens**, *Stejn.*, Proc. U.S. Nat. Mus. xvi. p. 625 (1893).	Kamtchatka. Japan.
3. **melanoschistus**, *Hume.* (p. 132, note.)	Himalayas.
4. **punicus**, *Erlanger*, Orn. MB. v. p. 187 (1897).	Tunis.
5. **granti**, *Sharpe*, Ann. & Mag. Nat. Hist. (6) v. p. 483 (1890).	Madeira.
6. **fuscus** (*Gm.*). (p. 135.)	N. America. C. America to Guatemala (*winter*).
7. **rufilatus**, *Ridgw.*, Pr. U. S. Nat. Mus. xi. p. 92 (1888).	W. United States to C. America.
8. **fringilloides**, *Vig.* (p. 135, note.)	Cuba, Haiti.
9. **cooperi** (*Bp.*). (p. 137.)	Temperate N. America.
10. **mexicanus**, *Ridgw.*, Pr. U. S. Nat. Mus. xi. p. 92 (1888).	W. United States to C. America.
11. **gundlachi**, *Lawr.* (p. 137, note.)	Cuba.
12. **tinus** (*Lath.*). (p. 139.)	Tropical S. America, N. to Panama.
13. **minullus** (*Daud.*). (p. 140.)	S. Africa.
14. **tropicalis**, *Reichen.*, J. f. O. 1898, p. 139.	E. Africa.
15. **erythropus** (*Hartl.*). (p. 141.) [*zenkeri*, Reichen., Orn. MB. ii. p. 125 (1894), *teste* Reichen. *in litt.*]	W. Africa (Gold Coast) to Cameroons.

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16. **ovampensis**, *Gurney*, Ibis, 1875, p. 367, pl. vi.	S.W. Africa (Ovampo), E. to Nyasa-land and the Zambesi.
17. **cirrhocephalus** (*Vieill.*). (p. 141.)	Australia.
18. **madagascariensis**, *Verr.* (p. 143.)	Madagascar.
19. **collaris** (*Kaup*). (p. 144.)	Colombia.
20. **rubricollis**, *Wall.* (p. 144.)	Moluccas (Morotai, Buru).
21. **brachyurus** (*Ramsay*, Proc. Linn. Soc. N. S. W. iv. p. 465, 1879).	New Britain.
22. **erythrauchen**, *Gray*. (p. 145.)	Moluccas (Halmahéra, Batchian).
23. **rhodogaster** (*Schl.*). (p. 146.)	Celebes.
24. **sulaensis** (*Schl.*). (p. 146.)	Sula Is.
25. **erythrocnemis**, *Gray*. (p. 147.)	Brazil to Bolivia.
26. **chionogaster** (*Kaup*). (p. 148.)	C. America (Guatemala, Nicaragua).
27. **salvini** (*Ridgw.*, Bull. U.S. Geol. Surv. ii. p. 121, 1876).	Venezuela.
28. **rufiventris**, *Smith*. (p. 148.)	S. & N.E. Africa.
29. **ventralis**, *Scl.* (p. 149.)	Venezuela to Colombia
30. **nigriplumbeus**, *Lawr.*, Ann. Lyc. N. Y. ix. p. 270 (1869).	Ecuador & Peru.
31. **hartlaubi** (*Verr.*). (p. 150.)	W. Africa (Senegambia to Gaboon).
32. **b''ttikoferi**, *Sharpe*, Notes Leyd. Mus. x. p. 199 (1888).	W. Africa (Liberia).
33. **virgatus** (*Temm.*). (p. 150.)	S. India, Ceylon, Andamans, Greater Sunda Is., Philippine Is.

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34. **affinis**, *Hodgs.* (p. 150, pt.)	Himalayas, Formosa.
35. **gularis** (*Temm. & Schl.*). (p. 150, pt.)	Japan, N. China, Malay Peninsula, Malay Archipelago.
36. **manillensis** (*Meyen*). (p. 150, pt.)	Philippine Is.
37. **rufotibialis**, *Sharpe*, Ibis, 1887, p. 437.	Mt. Kina Balu, N.W. Borneo.
38. **guttatus** (*Vieill.*). (p. 152.)	Paraguay to Bolivia.
39. **pileatus** (*Temm.*). (p. 153.)	Brazil.
40. **bicolor** (*Vieill.*). (p. 154.)	C. America to Colombia, Ecuador, and Guiana.
41. **chilensis**, *Philippi & Landb.* (p. 155.)	Chile to Str. of Magellan.
42. **melanoleucus**, *Smith.* (p. 156.)	Tropical Africa, Cape Verde Is.

Sub-Family III. *BUTEONINÆ.*

(Sharpe, Cat. B. i. p. 158, 1874.)

XV. ERYTHROTRIORCHIS, *Sharpe*, P. Z. S. 1875, p. 337.

[*Urospizias* (nec Kaup), Sharpe, Cat. B. i. p. 159 (1874).
Megatriorchis, Salvad. & D'Albert., Ann. Mus. Civic. Genov. vii. p. 85 (1875).]

1. **radiatus** (*Lath.*). (p. 159.)	E., C., & N. Australia.
2. **doriæ** (*Salvad. & D'Albert.*, Ann. Mus. Civic. Genov. vii. p. 85, 1875).	S.E. New Guinea.

XVI. HETEROSPIZIAS, *Sharpe.*

(Sharpe, *t. c.* p. 160.)

1. **meridionalis** (*Lath.*). (p. 160.)	Tropical S. America.

XVII. TACHYTRIORCHIS, *Kaup.*

(Sharpe, *t. c.* p. 161.)

1. **albicaudatus** (*Vieill.*). (p. 162.)	Tropical S. America.

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2. **abbreviatus** (*Cab.*). (p. 163.)	S. United States, Lower California. C. America to Guiana and Venezuela.
3. **sennetti**, *Allen*, Bull. Amer. Mus. N. H. v. p. 144 (1893).	C. America to S. Texas.
4. **colonus** (*Berlepsch*, J. f. O. 1892, p. 91).	Curaçoa Isl., Bonaire Isl.

XVIII. GERANOAETUS, *Kaup*.

(*Buteo*, pt., Sharpe, Cat. B. i. p. 164, 1874.)

1. **melanoleucus** (*Vieill.*). (p. 168.)	Patagonia & Chile, S. Brazil, Peru, Colombia.

XIX. BUTEO, *Cuvier*.

(Sharpe, *t. c.* p. 164.)

1. **galapagensis** (*Gould*). (p. 170.)	Galapagos Isl.
2. **poliosomus** (*Q. & G.*). (p. 171.)	Chile, Patagonia. Falkland Is.
3. **erythronotus** (*King*). (p. 172.)	Patagonia to Chile and Peru. Falkland Is.
4. **exsul**, *Salvin*, Ibis, 1875, p. 371.	Juan Fernandez Is.
5. **hypospodius**, *Gurney*, Ibis, 1876, p. 73, pl. iii.	Colombia to Venezuela, Amazonia, & Brazil.
6. **pœcilochrous**, *Gurney*, Ibis, 1879, p. 176.	Ecuador.
7. **jakal** (*Daud.*). (p. 173.)	South Africa.
8. **augur**, *Rüpp.* (p. 175.)	N.E. Africa, Equat. Africa.
9. **auguralis**, *Salvad.* (p. 175, note.)	W. Africa to N.E. Africa.
10. **ferox** (*S. G. Gm.*). (p. 176.)	S.E. Europe. N.E. Africa to C. Asia and N.W. India.
11. **desertorum** (*Daud.*). (p. 179.)	S. & E. Europe. Tropical Africa. Indian Peninsula.

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12. **cirtensis** (*Lev.*). (p. 179, pt.)	N. Africa.
13. **ménétriesi**, *Bogd.*, Trans. Soc. Kazan, viii. p. 45 (1879).	S.E. Europe.
14. **buteo** (*Linn.*). [*vulgaris*, Leach. (p. 186.)]	W. Europe. ? N. America (*acc.*).
15. **zimmermannæ**, *Ehmeke*, J. f. O. 1893, p. 117.	E. & C. Europe.
16. **plumipes** (*Hodgs.*). (p. 180.)	China, Japan, E. Himalayas.
17. **leucocephalus**, *Hodgs.* [*hemilasius*, T. & S. (p. 182.)]	E. Siberia, W. China, Japan.
18. **brachypterus**, *Hartl.* (p. 183.)	Madagascar.
19. **swainsoni**, *Bp.* [*obsoletus*, Sharpe (nec Gm.). (p. 184.)]	W. N. America to C. & S. America (*winter*).
20. **solitarius**, *Peale*, Zool. U.S. Expl. Exp., Birds, p. 62 (1848). [*Onychotes gruberi*, Ridgw. Proc. Philad. Acad. 1870, p. 142. (p. 158, note.)]	Hawaiian Archipelago.
21. **borealis** (*Gm.*). (p. 188.)	E. N. America to E. Mexico.
22. **krideri**, *Hoopes*, Proc. Philad. Acad. 1873, p. 238, pl. v.	Central United States.
23. **calurus**, *Cass.*, Proc. Philad. Acad. 1855, p. 281.	Western N. America to Mexico.
24. **lucasanus**, *Ridgw.*, Hist. N. Amer. B. iii. p. 285 (1874).	Lower California.
25. **socorroensis**, *Ridgw.*, Proc. U.S. Nat. Mus. iii. p. 220 (1880).	Socorro Isl.
26. **fumosus**, *Nelson*, Proc. Biol. Soc. Washington, xii. p. 7 (1898).	Tres Marias Is.
27. **costaricensis**, *Ridgw.*, Hist. N. Amer. B. iii. p. 285 (1874).	Costa Rica.
28. **cooperi**, *Cass.* (p. 172, note.)	California.
29. **harlani** (*Audub.*). (p. 191.)	S. United States. C. America.
30. **lineatus** (*Gm.*). (p. 191.)	Eastern N. America.

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31. **elegans,** *Cass.* (p. 191, pt.)	Western N. America.
32. **alleni,** *Ridgw.* Proc. U.S. Nat. Mus. vii. p. 514 (1884).	Florida.
33. **latissimus** (*Wils.*). (p. 193.)	Eastern N. America. Central America (*winter*). Northern S. America (*winter*).

XX. BUTEOLA, *Bp.*

(Sharpe, Cat. B. i. p. 201, 1874.)

1. **brachyura** (*Vieill.*). (p. 201.)	Guiana and Amazonia to Peru, and N. to Central America & Florida.
2. **fuliginosa** (*Scl.*), Ridgw. Man. N. Amer. B. 2nd ed. p. 236 (1896). (p. 184, pt.)	Tropical America. C. America to N. Mexico & Florida.

XXI. ASTURINA, *Vieill.*

(Sharpe, *t. c.* p. 202.)

1. **nitida** (*Lath.*). (p. 203.)	S.E. Brazil, Amazonia, Guiana, Colombia to Panama.
2. **plagiata,** *Schl.* (p. 204.)	S.W. United States to Central America (Costa Rica & Guatemala).

XXII. RUPORNIS, *Kaup.*

(Kaup, Classif. Säug. und Vög. p. 120, 1844.)

1. **ruficauda** (*Scl. & Salv.*). (p. 205.)	C. America (S. Nicaragua to Panama).
2. **gracilis,** *Ridgw.*, Proc. U.S. Nat. Mus. viii. p. 94 (1885).	Cozumel Isl., Yucatan.
3. **pucherani** (*J. & E. Verr.*). (p. 205.)	Paraguay, S.E. Brazil, Bolivia.
4. **ridgwayi,** *Cory*, Auk, i. p. 4 (1884).	Haiti & S. Domingo.
5. **magnirostris** (*Gm.*). (p. 207.)	Amazonia. Guiana, Colombia, Lesser Antilles.

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6. **griseicauda**, *Ridgw.*, Pr. Bost. Soc. N. H. xvi. p. 47 (1873).	Mexico to Guatemala and N. Nicaragua.
7. **nattereri** (*Scl. & Salv.*). (p. 208.)	S.E. Brazil to Peru.
8. **saturata** (*Scl. & Salv.*, P. Z. S. 1876, p. 357).	Bolivia, N. Argentina.
9. **leucorrhoa** (*Q. & G.*). (p. 209.)	Brazil to Peru, Colombia, Venezuela.

XXIII. BUSARELLUS, *Lafr.*
(Sharpe, Cat. B. i. p. 210, 1874.)

1. **nigricollis** (*Lath.*). (p. 211.)	Brazil, Amazonia, Guiana.

XXIV. BUTEOGALLUS, *Less.*
(Sharpe, *t. c.* p. 212.)

1. **æquinoctialis** (*Gm.*). (p. 212.)	Guiana to Colombia.

XXV. URUBITINGA, *Lafr.*
(Sharpe, *t. c.* p. 212.)

1. **urubitinga** (*Gm.*). [*zonura* (Shaw). (p. 213.)]	Chile, Paraguay, Brazil, Amazonia, Guiana. C. America to Costa Rica.
2. **ridgwayi**, *Gurney*, List Diurn. B. of Prey, pp. 77, 148 (1884).	Mexico to Guatemala.
3. **anthracina** (*Nitzsch*). (p. 215.)	Tropical America. Cuba. C. America. S.W. United States.

XXVI. LEUCOPTERNIS, *Kaup.*
(*Urubitinga*, pt., Sharpe, Cat. B. i. p. 212.)

1. **schistacea** (*Sundev.*). (p. 216.)	Amazonia, Colombia.
2. **plumbea**, *Salvin.* (p. 216.)	Ecuador to Panama.
3. **albicollis** (*Lath.*). (p. 216.)	Amazonia, Guiana, Venezuela, Trinidad.

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4. **occidentalis,** *Salvin*, Ibis, 1876, p. 496.	Puna Isl., Ecuador.
5. **ghiesbrechti** (*Du Bus*). (p. 217.)	C. America (S. Mexico to Panama).
6. **palliata,** *Pelz.* (p. 218.)	S. Brazil.
7. **lacernulata** (*Temm.*). (p. 218.)	S. Brazil.
8. **kaupi,** *Bp.* (p. 219.)	Amazonia.
9. **melanops** (*Lath.*). (p. 220.)	Amazonia, Guiana.
10. **semiplumbea,** *Lawr.* (p. 220.)	C. America (Panama to Costa Rica).
11. **princeps,** *Scl.* (p. 220.)	Costa Rica.

XXVII. HARPYHALIAËTUS, *Lafr.*

(Sharpe, Cat. B. i. p. 221, 1874.)

[*Plangus*, Sundev.; Sharpe, Bull. B. O. C. vi. p. xii, 1896.]

1. **coronatus** (*Vieill.*). (p. 221.) [*neogæus*, Sundev. *Cf.* Sharpe, Bull. B. O. C. vi. p. xii, 1896.]	South America, N. to Guatemala.

XXVIII. MORPHNUS, *Cuvier.*

(Sharpe, *t. c.* p. 222.)

1. **guianensis** (*Daud.*). (p. 222.)	Amazonia, Guiana, Panama.
2. **tæniatus,** *Gurney*, Ibis, 1879, p. 173, pl. iii.	Ecuador.

XXIX. HARPYOPSIS, *Salvad.*

(Salvad. Ann. Mus. Civic. Genov. vii. p. 682, 1875.)

1. **novæ guineæ,** *Salvad. l. c.*	S.E. New Guinea.

XXX. THRASAËTUS, *Gray.*

(Sharpe, Cat. B. i. p. 223, 1874.)

1. **harpyia** (*Linn.*). (p. 224.)	S. & C. America. Mexico to Texas.

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XXXI. **Thegornis**, *Amegh.*
(Amegh., Bol. Inst. Geogr. Argent. xv. p. 100, 1895.)

1. **musculosus**, *Amegh. t. c.* p. 100. — Patagonia (Miocene).
2. **debilis**, *Amegh. t. c.* p. 102. — Patagonia (Miocene).

Sub-Family IV. *GYPAËTINÆ.*

XXXII. **GYPAËTUS**, *Storr.*
(Sharpe, Cat. B. i. p. 228, 1874.)

1. **barbatus** (*Linn.*). (p. 228.) — Mediterranean countries. Centr. Europe. E. to C. Asia, Himalayas, N. China.
2. **atlantis**, *Erlang.*, J. f. O. 1898, p. 395. — Mts. of N. Africa.
3. **ossifragus** (*Savign.*). (p. 230.) — Mts. of N.E. Africa to S. Africa.

Sub-Family V. *AQUILINÆ.*

(Sharpe, Cat. B. i. p. 225, 1874.)

XXXIII. **UROAËTUS**, *Kaup.*
(Sharpe, *t. c.* p. 231.)

1. **audax** (*Lath.*). (p. 231.) — Australia, Tasmania.

XXXIV. **Palaeocircus**, *Milne-Edw.*
(Lydekker, Cat. Foss. B. p. 22, 1891.)

1. **rubieri**, *Milne-Edw.* (L., p. 22.) — France & England (Upper Eocene).

XXXV. **AQUILA**, *Briss.* *
(Sharpe, Cat. B. i. p. 232, 1874.)

1. **verreauxi**, *Less.* (p. 234.) — S. Africa. N.E. Africa.

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* For valuable notes on the Palæarctic species of *Aquila* I am indebted to Dr. Bianchi.

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2. **chrysaëtus** (*Linn.*). (p. 235.) [*nobilis*, Pall.]	Europe. N. Asia. N. China. N. America, S. to Mexico.
3. **daphanea**, *Hodgs.* (p. 235, pt.)	High C. Asia. Himalayas.
4. **heliaca**, *Savign.* (p. 238.)	S.E. Europe to Central Asia, N. India, and China.
5. **adalberti**, *Brehm.* (p. 239.)	S.E. Europe. N.Africa.
6. **bifasciata**, *J. E. Gray.* [*mogilnik*, Gm. (p. 240.)]	S.E. Europe to C. Asia & N.W. India. E. Siberia.
7. **orientalis**, *Cab.* (p. 240, pt.)	Steppes of S. Europe and Asia.
8. **danana**, *Marsh*, Amer. Journ. Sci. ii. p. 125 (1871).	Nebraska (Pliocene).
9. **pliogryps**, *Shufeldt*, J. Acad. Nat. Sci. Philad. xi. p. 416 (1892).	Oregon (Pliocene).
10. **sodalis**, *Shufeldt*, J. Acad. Nat. Sci. Philad. xi. p. 417 (1892).	Oregon (Pliocene).
11. **glitschi**, *Severtz.*, Stray Feathers, iii. p. 422 (1875).	Steppes of S. Europe and Asia.
12. **rapax** (*Temm.*). (p. 242.)	Africa to Mediterranean countries, C. Asia, and N.W. India.
13. **vindhiana**, *Frankl.* (p. 243.)	Indian Peninsula.
14. **fulvescens**, *J. E. Gray.* (p. 244, pt.)	C. Asia to N.W. India.
15. **wahlbergi**, *Sundev.* (p. 245.)	Tropical Africa.
16. **pomerana**, *Brehm.* [*maculata*, Sharpe (nec Gm.), Cat. p. 246. *rufonuchalis*, Brooks, Str. F. iv. p. 269 (1876).]	C. & S. Europe.
17. **hastata** (*Less.*). (p. 248.)	Indian Peninsula, Burmese countries.
18. **maculata**, *Gm.* [*clanga*, Pall. (p. 248.) (*Cf.* Blanf. Ibis, 1894, p. 287.)]	S. Europe. N.E. Africa. C. & N.E. Asia. Indian Peninsula.

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XXXVI. ARCHIBUTEO, *Brehm.*
(Sharpe, Cat. B. i. p. 195, 1874.)

1. **lagopus** (*Gm.*). (p. 196.)	Europe, Siberia, Alaska. S. Africa (*occ.*).
2. **sancti-johannis** (*Gm.*). (p. 197.)	North America.
3. **strophiatus** (*Hodgs.*). (p. 199, pl. vii. fig. 2.)	Nepal & Tibet.
4. **ferrugineus** (*Licht.*). (p. 199.)	W. North America to Texas & Mexico.

XXXVII. EUTOLMAËTUS, *Blyth.*
[*Nisaëtus*, Hodgs., Sharpe, Cat. B. i. p. 249 (1874).]

1. **fasciatus** (*Vieill.*). (p. 250.)	Mediterranean countries. E. to Indian Peninsula.
2. **spilogaster** (*Bp.*). (p. 252.)	Tropical Africa.
3. **pennatus** (*Gm.*). (p. 253.)	S. Russia. Mediterranean countries. Africa. C. Asia. Indian Peninsula and Ceylon.
4. **morphnoides** (*Gould*). (p. 254.)	Australia.
5. **depredator** (*Milne-Edw.*). [*Cf.* Lydekker, Cat. Foss. B. p. 25.]	France (Lower Miocene).
6. **priscus** (*Milne-Edw.*). (L., p. 25.)	France (Lower Miocene).
7. **edwardsi**, *Sharpe.* (*minutus*, Milne-Edw., nec Brehm.) (L., p. 25.)	France (Lower Miocene).

XXXVIII. Palaeohierax, *Milne-Edw.*
(*Cf.* Lydekker, Cat. Foss. B. p. 28, 1891.)

1. **gervaisi**, *Milne-Edw.* (L., p. 28.)	France (Lower Miocene).

XXXIX. LOPHOTRIORCHIS, *Sharpe.*
(Sharpe, Cat. B. i. p. 255, 1874.)

1. **kieneri** (*Geoffr.*). (p. 255.)	Indian Peninsula, Ceylon, Indo-Chinese Provinces, Malay Peninsula, Indo-Malayan Is., Celebes, Lesser Sunda Is.

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2. **isidorei** (*Des Murs*). (p. 256.) — Colombia.

3. **lucani**, *Sharpe & Bouvier*, Bull. Soc. Zool. France, ii. p. 471 (1877). — Tropical Africa.

XL. ICTINAËTUS, *Jerd.*

[*Cf.* Blanf. Faun. Brit. Ind., Birds, iii. p. 347, 1895. *Neopus*, Hodgs.; Sharpe, Cat. B. i. p. 256 (1874).]

1. **malayensis** (*Temm.*). (p. 257.) — Indian Peninsula & Ceylon, Burmese countries, Malay Peninsula, Greater Sunda Is., Celebes, Sula Is.

XLI. SPIZIASTUR, *Gray.*

(Sharpe, Cat. B. i. p. 258, 1874.)

1. **melanoleucus** (*Vieill.*). (p. 258.) — C. & S. America.

XLII. SPIZAËTUS, *Vieill.*

(Sharpe, *t. c.* p. 259.)

1. **ornatus** (*Daud.*). [*mauduyti* (Daud.). (p. 262.)] — C. & S. America.

2. **devillei**, *Dubois*, Bull. Acad. Belg. (2) xxxviii. p. 129, pls. i. & ii (1874). — Ecuador.

3. **tyrannus** (*Neuwied*). (p. 264.) — C. & S. America.

4. **bellicosus** (*Daud.*). (p. 265.) — S. Africa, E. Africa, North to Shoa, Abyssinia, and Bogosland.

5. **coronatus** (*Linn.*). (p. 266.) — S. & W. Africa.

6. **nipalensis** (*Hodgs.*). (p. 267.) — Himalayas, China, Japan. Plains of India (*winter*).

7. **cirrhatus** (*Gm.*). (p. 269.) — Indian Peninsula, Ceylon.

8. **sphinx**, *Hume*, Str. F. i. p. 321 (1873). [*ceylonensis*, Gurney, Ibis, 1877, p. 430.] — S. India, Ceylon.

9. **kelaarti**, *Legge*, Ibis, 1878, p. 202. — S. India, Ceylon.

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10. **philippinensis,** *Gurney.* (p. 261, note.)	Philippine Is.
11. **lanceolatus,** *Bp.* (p. 270.)	Celebes.
12. **alboniger** (*Blyth*). (p. 271.)	Tenasserim, Malayan Peninsula, Greater Sunda Is.
13. **limnaëtus** (*Horsf.*). (p. 272.)	Himalayas, N.E. Bengal, Assam, Burmese Provinces, Malayan Peninsula, Greater Sunda Is.
14. **floris,** *Hartert,* Nov. Zool. v. p. 46 (1898).	Lesser Sunda Is. (Flores).
15. **andamanensis,** *Tytler.* (p. 260, note.)	Andaman Is.
16. **gurneyi** (*Gray*). (p. 273.)	Molucca Is., Aru Is., Waigiou, New Guinea.

XLIII. LOPHOAËTUS, *Kaup.*
(Sharpe, Cat. B. i. p. 274, 1874.)

1. **occipitalis** (*Daud.*). (p. 274.)	Tropical Africa.

XLIV. ASTURINULA, *Finsch & Hartl.*
(Sharpe, *t. c.* p. 275.)

1. **monogrammica** (*Temm.*). (p. 275.)	Tropical Africa.
2. **meridionalis** (*Hartl.*). (p. 277.)	S. Africa.

XLV. HERPETOTHERES, *Vieill.*
(Sharpe, *t. c.* p. 277.)

1. **cachinnans** (*Linn.*). (p. 278.)	C. & S. America.

XLVI. DRYOTRIORCHIS, *Shelley.*
(Sharpe, *t. c.* p. 278.)

1. **spectabilis** (*Schl.*). (p. 279.)	W. Africa.

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XLVII. EUTRIORCHIS, *Sharpe.*
(Sharpe, P. Z. S. 1875, p. 73.)

1. **astur**, *Sharpe, l. c.*	Madagascar.

XLVIII. CIRCAËTUS, *Vieill.*
(Sharpe, Cat. B. i. p. 280, 1874.)

1. **gallicus** (*Gm.*). (p. 280.)	E. & S. Europe, Mediterranean countries. N.E. Africa. C. Asia.
2. **hypoleucus** (*Pall.*). (p. 280, pt.)	Indian Peninsula to N. China. S. to Lesser Sunda Is.
3. **cinereus**, *Vieill.* (p. 282.)	Tropical Africa.
4. **beaudouini**, *Verr. & Des Murs.* (p. 284.)	Senegambia, N.E. Africa.
5. **fasciolatus**, *Gray.* (p. 285.)	Natal.
6. **cinerascens**, *Müll.* (p. 285.)	Tropical Africa.

XLIX. PITHECOPHAGA, *Ogilvie Grant.*
(Ogilvie Grant, Bull. B. O. C. vi. p. xvii, 1896.)

1. **jefferyi**, *Ogilvie Grant, l. c.*; *id.* Ibis, 1897, pl. v.	Philippine Is. (Samar).

L. SPILORNIS, *Gray.*
(Sharpe, Cat. B. i. p. 287, 1874.)

1. **cheela** (*Lath.*). (p. 287.)	Himalayas, Indian Peninsula.
2. **albidus** (*Temm.*). [*melanotis*, Jerd. (p. 289.)]	S. India, Ceylon.
3. **rutherfordi**, *Swinh.* [*melanotis*, pt. (p. 289.)]	Assam, Indo-Chinese countries to Hainan.
4. **davisoni**, *Hume.* [*melanotis*, pt. (p. 289.)]	Andaman Is.
5. **minimus**, *Hume*, Str. F. i. p. 464 (1873).	Nicobar Is.

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6. **pallidus**, *Walden*. (p. 290.)	Borneo.
7. **bacha** (*Daud.*). (p. 290.)	Malayan Peninsula, Philippine Is., Greater Sunda Is.
8. **raja**, *Sharpe*, Bull. Brit. Orn. Club, i. p. lv (1893).	Sarawak, Borneo.
9. **salvadorii**, *Berl.*, Nov. Zool. ii. p. 73 (1895).	Nias Isl.
10. **elgini**, *Tytler*. (p. 291.)	Andaman Is., Nicobar Is.
11. **rufipectus**, *Gould*. (p. 291.)	Celebes.
12. **sulaensis** (*Schl.*). (p. 292.)	Sula Is.
13. **holospilus** (*Vig.*). (p. 293.)	Philippine Is. (Luzon, Cebu, Mindanao, Basilan).
14. **panayensis**, *Steere*, List Birds & Mamm. Philipp. p. 7 (1890).	Philippine Is. (Panay, Guimaras, Negros).
15. **asturinus**, *Meyer*, SB. Ges. Isis, Dresden, p. 13 (1884).	Patr. ign.

LI. BUTASTUR, *Hodgs.*

(Sharpe, Cat. B. i. p. 294, 1874.)

1. **teesa** (*Frankl.*). (p. 295.)	Indian Peninsula, Burmese Provinces.
2. **liventer** (*Temm.*). (p. 296.)	Indo-Chinese Provinces, Greater Sunda Is., Celebes.
3. **indicus** (*Gm.*). (p. 297.)	Ussuri-land. Japan, China to Malay Peninsula, Philippine Is., Celebes.
4. **rufipennis** (*Sundev.*). (p. 299.)	N.E. Africa.

LII. HELOTARSUS, *Smith.*

(Sharpe, *t. c.* p. 299.)

1. **ecaudatus** (*Daud.*). (p. 300.)	Tropical Africa.
2. **leuconotus**, *Rüpp.* (p. 301.)*	N.E. to S. Africa.

* [Professor Reichenow considers this to be merely the very old stage of *H. ecaudatus*. This seems to me probably the case.]

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LIII. HALIAËTUS, *Savign.*
(Sharpe, Cat. B. i. p. 301, 1874.)

1. **albicilla** (*Linn.*). (p. 302.)	Europe. N. Asia. Greenland, Iceland. N. Indian Peninsula and China (*winter*).
2. **piscator**, *Milne-Edwards.* (Lydekker, Cat. Foss. B. p. 24, 1891.)	France (Middle Miocene of Sansan).
3. **hypoleucus**, *Ridgw.*, Proc. U. S. Nat. Mus. vi. p. 90 (1883).	Bering Isl.
4. **leucocephalus** (*Linn.*). (p. 304.).	Temperate N. America.
5. **alascanus**, *C. H. Towns.*, Proc. Biol. Soc. Washington, xi. p. 145 (1897).	N.W. America.
6. **branicki**, *Tacz.*, P. Z. S. 1888, p. 451.	Korea, Ussuri.
7. **leucogaster** (*Gm.*). (p. 307.)	Indian Peninsula, Indo-Chinese Provinces, Malay Peninsula, to Australia & Oceania.
8. **leucoryphus** (*Pall.*). (p. 308.)	Caspian Sea to Central Asia. Indian Peninsula, Burmese Provinces.
9. **vocifer** (*Daud.*) (p. 310.)	Tropical Africa.
10. **vociferoides**, *Des Murs.* (p. 311.)	Madagascar.

LIV. THALASSOAËTUS, *Kaup.*
(*Haliaëtus*, pt., Sharpe, *t. c.* p. 301.)

1. **pelagicus** (*Pall.*). (p. 306.)	Kamtchatka. Japan (*winter, occ.*).

LV. GYPOHIERAX, *Rüpp.*
(Sharpe, *t. c.* p. 312.)

1. **angolensis** (*Gm.*). (p. 312.)	Tropical Africa.

LVI. HALIASTUR, *Selby.*
(Sharpe, *t. c.* p. 312.)

1. **indus** (*Bodd.*). (p. 313.)	Indian Peninsula, Ceylon, Burmese Provinces.

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2. **intermedius**, *Gurney*. (p. 314.)	Indo-Chinese Provinces, Malay Peninsula, Greater Sunda Is., Philippine Is., Celebes.
3. **girrenera** (*Vieill.*). (p. 315.)	Australia, New Guinea, Molucca Is., Tenimber Is., Ceram, Amboina, Aru Is.
4. **sphenurus** (*Vieill.*). (p. 316.)	Australia. New Caledonia.

LVII. **ELANOIDES**, *Vieill.*
(Sharpe, Cat. B. i. p. 317, 1874.)

1. **furcatus** (*Linn.*). (p. 317.)	N. America, C. & S. America (*winter*).

LVIII. **NAUCLERUS**, *Vig.*
(Sharpe, *t. c.* p. 318.)

1. **riocouri** (*Vieill.*). (p. 318.)	N.E. Africa. W. Africa (Senegambia to Hausaland).

LIX. **MILVUS**, *Cuv.*
(Sharpe, *t. c.* p. 319.)

1. **milvus** (*Linn.*). [*ictinus*, Sharpe, Cat. p. 319.]	C. & S. Europe.
2. **ægyptius** (*Gm.*). (p. 320.)	S.E. Europe. Africa & Madagascar (*winter*).
3. **korschun** (*Gm.*). (p. 322.)	C. & S. Europe. C. Asia. Africa (*winter*).
4. **affinis**, *Gould*. (p. 323.)	Australia, Celebes, Lesser Sunda Is,
5. **govinda**, *Sykes*. (p. 325.) [*palustris*, A. Anderson, Pr. As. Soc. Beng. 1873, p. 142.]	Indian Peninsula, Burmese countries.
6. **melanotis**, *T. & S.* (p. 324.)	N.E. Asia, Japan, Himalayas. Indian Peninsula, Burma (*winter*).
7. **deperditus**, *Milne-Edw.* (Lyd., Cat. Foss. B. p. 27.)	France (Lower Miocene).

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LX. LOPHOICTINIA, *Kaup.*
(Sharpe, Cat. B. i. p. 326, 1874.)

1. **isura** (*Gould*). (p. 326.) — Australia.

LXI. ROSTRHAMUS, *Less.*
(Sharpe, *t. c.* p. 327.)

1. **sociabilis** (*Vieill.*). (p. 327.) [*plumbeus*, Ridgw. N. Amer. B. iii. p. 209, 1874.] — From Florida to E. Mexico, S. to Panama and Eastern S. America to Argentina. Cuba.
2. **tæniurus**, *Cab.* (p. 328.) — Amazonia.
3. **leucopygus** (*Spix*). (p. 328.) — Brazil, Amazonia, Guiana, Colombia.

LXII. LEPTODON, *Sundev.*
(Sharpe, *t. c.* p. 329.)

1. **uncinatus** (*Temm.*). (p. 330.) — C. America to Guiana, Venezuela, Amazonia, Brazil, & Bolivia.
2. **megarhynchus** (*Des Murs*). (p. 332.) — Peru.
3. **wilsoni** (*Cass.*). (p. 333.) — Cuba.
4. **cayennensis** (*Gm.*). (p. 333.) — Central America, Guiana, Amazonia, Brazil.

LXIII. GYPOICTINIA, *Kaup.*
(Sharpe, *t. c.* p. 335.)

1. **melanosternum** (*Gould*). (p. 335.) — Australia.

LXIV. ELANUS, *Savign.*
(Sharpe, *t. c.* p. 336.)

1. **cæruleus** (*Desf.*). (p. 336.) — Mediterranean countries. Africa. India, Ceylon, Burmese Provinces, Malay Peninsula.
2. **hypoleucus**, *Gould.* (p. 338.) — Philippine Is., Greater Sunda Is., Celebes.

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3. **axillaris** (*Lath.*). (p. 338.)	Australia.
4. **leucurus** (*Vieill.*). (p. 339.)	S. United States. C. & S. America to Chile & Argentina.
5. **scriptus**, *Gould*. (p. 340.)	Australia.

LXV. GAMPSONYX, *Vig.*

(Sharpe, Cat. B. i. p. 340, 1874.)

1. **swainsoni**, *Vig.* (p. 340.)	C. America, from Nicaragua to Guiana & Brazil.

LXVI. HENICOPERNIS, *Gray*.

(Sharpe, *t. c.* p. 341.)

1. **longicauda** (*Garn.*). (p. 341.)	New Guinea, Salawati, Misori Isl., Waigiou, Aru Is.
2. **infuscata**, *Gurney*, Ibis, 1882, p. 128.	Bismarck Archipelago (New Britain).

LXVII. MACHÆRHAMPHUS, *Westerm.*

(Sharpe, *t. c.* p. 342.)

1. **alcinus**, *Westerm.* (p. 342.)	S. Tenasserim, Malay Peninsula, Borneo, New Guinea.
2. **anderssoni** (*Gurney*). (p. 343.)	S.W. Africa, Madagascar.
3. **revoili**, *Oust.*, Bibl. Hautes Études, xxxi. art. 10, p. 2 (1886).	Somali-land.

LXVIII. PERNIS, *Cuv.*

(Sharpe, *t. c.* p. 343.)

1. **apivorus** (*Linn.*). (p. 344.)	Europe, W. Siberia. Africa (*winter*).
2. **orientalis**, *Tacz.*, Mém. Acad. Nat. Sci. St. Pétersb. (7) xxxix. p. 50 (1891).	E. Siberia.

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3. **ptilonorhynchus** (*Temm.*). (p. 347.)	Indian Peninsula, Ceylon, Indo-Chinese countries, Malay Peninsula, Greater Sunda Is.
4. **tweeddalei**, *Hume*, Str. F. ix. p. 446 (1881).	Malay Peninsula.
5. **celebensis**, *Wall.* (p. 349.)	Celebes.

LXIX. BAZA, *Hodgs.*

(Sharpe, Cat. B. i. p. 351, 1874.)

1. **lophotes** (*Temm.*). (p. 352.)	Sub-Himalayan districts, N.E. Bengal, Ceylon, Indo-Chinese Provinces, Malay Peninsula.
2. **madagascariensis** (*Smith*). (p. 353.)	Madagascar.
3. **cuculoides** (*Swains.*). (p. 354.)	W. Africa, Equatorial Africa.
4. **emini**, *Reichenow*, J. f. O. 1894, p. 163.	Equatorial Africa.
5. **verreauxi** (*Lafr.*). (p. 354.)	S.E. Africa.
6. **magnirostris**, *Gray*. (p. 356.)	Philippine Is.
7. **erythrothorax**, *Sharpe*. (p. 357.) [*celebensis*, Schl., Rev. Accipit. p. 135, 1873: *cf.* Zool. Rec., Aves, 1873, p. 47.]	Celebes, Sula Is.
8. **jerdoni** (*Blyth*). (*Cf.* Sharpe, Ibis, 1893, p. 557.) [*sumatrensis* (Lafr.). (p. 357.) *incognita*, Hume, Str. F. iii. p. 314 (1875).]	E. Himalayas, Burmese countries, Malay Peninsula, Sumatra.
9. **ceylonensis**, *Legge*, Str. F. iv. p. 247 (1876).	S. India (Wynaad), Ceylon.
10. **borneensis**, *Sharpe*, Ibis, 1893, p. 557.	Borneo.
11. **leucopais**, *Sharpe*, Ibis, 1888, p. 195.	Philippine Is. (Palawan).
12. **subcristata** (*Gould*). (p. 357.)	Australia, S.E. New Guinea.
13. **timorlaoensis**, *Meyer*, Abhandl. Ber. Zool. Mus. Dresden, 1892–93, no. 3, p. 5 (1893).	Tenimber Is.

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14. **reinwardti** (*Müll. & Schl.*). (p. 358.) *	Lesser Sunda Is., Djampea Isl., New Guinea, Salawati, Mysol, Misori Isl., Aru Is., Ceram, Amboina, Buru, Kei Is.
15. **gurneyi**, *Ramsay*, Journ. Linn. Soc., Zool. xvi. p. 130 (1881).	Solomon Is.
16. **bismarcki**, *Sharpe*, in Gould's B. N. Guinea, i. pl. 4 (1888).	Bismarck Archipelago (New Ireland, New Guinea, Duke of York Isl., New Hanover).
17. **rufa**, *Schl.* (p. 360.)	Moluoca Is. (Batchian, Halmahéra, &c.).

LXX. HARPAGUS, *Vig.*
(Sharpe, Cat. B. i. p. 360, 1874.)

1. **diodon** (*Temm.*). (p. 361.)	Brazil.
2. **bidentatus** (*Lath.*). (p. 362.)	Amazonia, Guiana, Venezuela, Colombia.
3. **fasciatus**, *Lawr.* (p. 363.)	Guatemala, Costa Rica, Panama.

LXXI. ICTINIA, *Vieill.*
(Sharpe, *t. c.* p. 364.)

1. **plumbea** (*Gm.*). (p. 364.)	C. & S. America.
2. **mississippiensis** (*Wils.*). (p. 365.)	S. United States to C. America.

LXXII. MICROHIERAX, *Sharpe.*
(Sharpe, *t. c.* p. 366.)

1. **cærulescens** (*Linn.*). (p. 366.) [*eutolmus*, Blyth; Blanf., Faun. Brit. Ind., Birds, iii. p. 432 (1895).]	Himalayas to Bhután, Garo Hills, Indo-Chinese Provinces.
2. **fringillarius** (*Drap.*). (p. 367.)	Malay Peninsula, Greater Sunda Is.

* Dr. Otto Finsch considers that *B. stenozona*, Gray, from the Lesser Sunda Islands and New Guinea, is distinct from *B. reinwardti*, which is confined to the Moluoca Islands.

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3. **latifrons**, *Sharpe*, Ibis, 1879, p. 237.	N. Borneo.
4. **melanoleucus** (*Blyth*). (p. 368.) [*sinensis*, Sharpe, Ibis, 1875, p. 254.]	Assam and Cachar, S. China.
5. **erythrogenys** (*Vig.*). (p. 369.)	Philippine Is. (Luzon).
6. **meridionalis**, *Ogilvie-Grant*, Ibis, 1897, p. 220.	Philippine Is. (Samar, Cebu, Mindanao).

LXXIII. POLIOHIERAX, *Kaup.*
(Sharpe, Cat. B. i. p. 369, 1874.)

1. **semitorquatus** (*Smith*). (p. 370.)	S. Africa. N.E. Africa.
2. **insignis**, *Walden*. (p. 370.)	Indo-Chinese Provinces.

LXXIV. SPIZIAPTERYX, *Kaup.*
(Sharpe, *t. c.* p. 371.)

1. **circumcinctus** (*Kaup*). (p. 371.)	Argentina.

LXXV. HARPA, *Bp.*
(Sharpe, *t. c.* p. 372.)

1. **novæ-zealandiæ** (*Gm.*). (p. 372.)	N. Zealand.
2. **australis** (*Hombr. & Jacq.*). (p. 373.)	N. Zealand.

LXXVI. FALCO, *Linn.*
(Sharpe, *t. c.* p. 374.)

1. **peregrinus**, *Tunst.* [*communis*, Gm. (p. 376.)]	Europe. Asia. N. America. Africa (*winter*). Indian Peninsula (*winter*).
2. **pealei**, *Ridgw.*, Bull. Essex Inst. v. p. 201 (1873).	Aleutian and Commander Is., Kuril Is, N.W. America (Alaska to Oregon).
3. **peregrinator**, *Sundev.* (p. 382.) [*atriceps*, Hume, Ibis, 1869, p. 356.]	Indian Peninsula.
4. **ernesti**, *Sharpe*, Ibis, 1894, p. 545.	Greater Sunda Is., Philippine Is., New Guinea, Fiji Is.

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5. **minor**, *Bp.* (p. 383.)	S. & N.E. Africa.
6. **punicus**, *Levaill. jun.*, Expl. Algér., Ois. pl. 1 (1850). [*brookei*, Sharpe, Ann. & Mag. Nat. Hist. (4) xi. pp. 20, 222 (1873).]	Mediterranean countries.
7. **melanogenys**, *Gould.* (p. 385.)	Australia.
8. **cassini**, *Sharpe.* (p. 384.)	Chile, Falkland Is.
9. **barbarus**, *Linn.* (p. 386.)	Mediterranean countries to N.W. India. N.E. Africa. Senegambia.
10. **babylonicus**, *Gurney.* (p. 387.)	Mesopotamia, C. Asia, N.W. India.
11. **feldeggi**, *Schl.* (p. 389.)	Mediterranean countries to Persia. N.E. Africa.
12. **tanypterus**, *Schl.* (p. 391.)	N.E. Africa to Senegambia.
13. **biarmicus**, *Temm.* (p. 391.)	S. Africa.
14. **juggur**, *J. E. Gray.* (p. 393.)	Indian Peninsula, Baluchistan to Assam.
15. **hypoleucus**, *Gould.* (p. 394.)	Australia.
16. **subniger**, *Gray.* (p. 394.)	Australia.
17. **subbuteo**, *Linn.* (p. 395.)	N. Europe & N. Asia. Africa, Indian Peninsula, China (*winter*).
18. **gracilis**, *Brehm.* (*Cf.* Erlanger, J. f. O. 1898, p. 461 Taf. x.)	N. Africa.
19. **severus**, *Horsf.* (p. 397.)	Himalayas. S. Indian Peninsula, Ceylon, Burmese Provinces. Malay Peninsula. Philippine & Sulu Is. Greater Sunda Isl. to New Guinea & New Britain.

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20. **papuanus**, *A. B. Meyer & Wiglesw.*, Abhandl. Ber. Mus. Dresden, 1892–93, no. 3, p. 6 (1893).	S.E. New Guinea.
21. **indicus**, *A. B. Meyer & Wiglesw.*, B. Celebes, i. p. 84 (1898).	India (Calcutta).
22. **religiosus**, *Sharpe.* (p. 397.)	Ceram, Halmahéra.
23. **lunulatus**, *Lath.* (p. 398.)	Australia, Tasmania.
24. **cuvieri**, *Smith.* (p. 400.)	S. & W. Africa.
25. **fasciinucha**, *Reichen. & Neum.*, Orn. MB. iii. p. 114 (1895).	E. Africa.
26. **fusco-cærulescens**, *Vieill.* (p. 400.)	S. Texas, C. & S. America.
27. **ophryophanes**, *Salvad.*, Bol. Mus. Torino, x. no. 208, p. 20 (1895).	Paraguay.
28. **albigularis**, *Daud.* (p. 401.)	C. & S. America.
29. **aurantius**, *Gm.* (p. 402.)	C. & S. America.
30. **chicquera**, *Daud.* (p. 403.)	Indian Peninsula.
31. **ruficollis**, *Swains.* (p. 404.)	Tropical Africa.
32. **eleonoræ**, *Gené.* (p. 404.)	Mediterranean countries. E. Africa to Madagascar (*winter*).
33. **concolor**, *Temm.* (p. 405.)	N.E. Africa to Arabian coasts, S. to Madagascar.
34. **merillus** (*Gerini*). [*regulus*, Pall. (p. 406.)]	Europe, N. Asia. S. Europe (*winter*). Indian Peninsula (*winter*). China (*winter*).
35. **columbarius**, *Linn.* (p. 408.)	N. America, Antilles, N. South America.
36. **suckleyi**, *Ridgw.*, Bull. Essex Inst. v. p. 201 (1873).	N.W. America (California to Sitka).
37. **richardsoni**, *Ridgw.* (p. 408, note.)	Interior of N. America to Texas & Arizona.

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LXXVII. HIEROFALCO, *Cuv.*
(Sharpe, Cat. B. i. p. 410, 1874.)

1. **candicans** (*Gm.*). (p. 411.) [*islandus*, Brünn. 1764; *cf.* A. O. U. Check-l. N. Amer. B. 2nd ed. p. 136 (1895). *uralensis*, Menzbier, Orn. Turkest. p. 274 (1891).]	Arctic Regions, Greenland. N.E. America. W. Europe (*occ.*).
2. **islandus** (*Gm.*) (nec *Brünn.* 1764). (p. 414.)	Iceland.
3. **holboelli** (*Sharpe*). (p. 415.)	S. Greenland.
4. **rusticolus**, *Linn.* (A. O. U. Check-l. p. 137, 1895.)	Arctic America.
5. **obsoletus** (*Gm.*) [*Cf.* Stejn. Auk, ii. p. 187, 1887.]	Labrador.
6. **gyrfalco** (*Linn.*). (p. 416.)	N. Europe.
7. **altaicus**, *Menzbier*, Orn. Turkest. p. 272 (1891).	Altai Mts.
8. **cherrug** (*J. E. Gray*). [*sacer*, Gm. (nec Forst.). (p. 417.) *gurneyi*, Menzbier, Orn. Turkest. p. 283 (1891).]	S.E. Europe. C. Asia to China, N.W. India.
9. **milvipes**, *Jerd.* [*Cf.* Blanf. Faun. Brit. Ind., Birds, iii. p. 421.]	Tibet and Mongolia. Nepal, Baluchistan.
10. **mexicanus** (*Schl.*). (p. 420.)	Western U. States, Mexico.

LXXVIII. HIERACIDEA, *Gould.*
(Sharpe, *t. c.* p. 420.)

1. **berigora** (*Vig. & Horsf.*). (p. 421.)	Australia.
2. **novæ-guineæ**, *A. B. Meyer*, J. f. O. 1894, p. 89.	S.E. New Guinea.
3. **orientalis** (*Schl.*). (p. 422.)	Australia, Tasmania.

LXXIX. CERCHNEIS, *Boie.*
(Sharpe, *t. c.* p. 423.)

1. **tinnunculus** (*Linn.*). (p. 425.)	Europe, N. Asia. Indian Peninsula (*winter*). Africa (*winter*).

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2. **arthuri** (*Gurney*), List Diurn. B. Prey, App. p. 156 (1884).	E. Africa.
3. **saturata,** *Blyth*, J. A. S. Beng. xxviii. p. 277 (1859). [*atratus*, Blyth (*lapsu*). (p. 426.)]	Mts. of N.E. Africa. Himalayas, Burmese Provinces, China.
4. **canariensis,** *Kœnig*, J. f. O. 1889, p. 263.	Madeira, Canary Is.
5. **neglecta** (*Schl.*) (p. 428.).	Cape Verde Is.
6. **rupicola** (*Daud.*). (p. 429.)	S. Africa.
7. **moluccensis** (*Jacq. & Pucher.*). (p. 430.)	Amboina, Buru, Ceram, Goram, Peling Isl.
8. **orientalis** (*A. B. Meyer & Wiglesw.*, B. Celebes, i. p. 79, 1898).	Molucca Is. (Halmahéra, Morotai, Ternate, Batchian, etc.).
9. **occidentalis** (*A. B. Meyer & Wiglesw.*, Abhandl. Ber. Mus. Dresd. 1896–97, no. 2, p. 8).	Celebes. Greater and Lesser Sunda Is.
10. **cenchroides** (*Vig. & Horsf.*). (p. 431.)	Australia.
11. **rupicoloides** (*Smith*). (p. 432.)	S. Africa.
12. **fieldi,** *Elliot*, Field Columb. Mus. no. 2, Orn. p. 58 (1897).	Somali-land to British E Africa (Machakos).
13. **alopex** (*Heugl.*). (p. 432.)	N.E. Africa (Bogos-land to Shoa). Equat. Africa (Redjaf).
14. **newtoni** (*Gurney*). (p. 433.)	Madagascar.
15. **punctata** (*Temm.*). (p. 434.)	Mauritius.
16. **gracilis** (*Less.*). (p. 435.)	Seychelles.
17. **naumanni** (*Fleisch.*). (p. 435.) *Cf.* Reichen. Orn. MB. vi. p. 143 (1898). [*cenchris*, Naum. (p. 435.) *pekinensis*, Swinh. (p. 437.) *Cf.* Blanf. Faun. Brit. Ind., Birds, iii. p. 430 (1895).]	Mediterranean countries to C. Asia and China. Indian Peninsula (*winter*). Africa (*winter*).
18. **sparveria** (*Linn.*). (p. 437.)	N. America, S. to Northern S. America (*winter*).

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19. **deserticola** (*Mearns*, Auk, ix. p. 263, 1892).	W. N. America (British Columbia to N.W. Mexico).
20. **peninsularis**, *Mearns*, *l. c.*	Lower California.
21. **dominicensis** (*Gm.*). (p. 439.)	Antilles. Florida (*acc.*).
22. **brevipennis**, *Berl.*, J. f. O. 1892, p. 91.	Is. of Curaçao, Bonaire, Aruba.
23. **australis**, *Ridgw.*, in B. B. & R. Hist. N. Amer. B. iii. p. 166 (1874).	S. America (except North Atlantic and Caribbean coast).
24. **æquatorialis**, *Mearns*, Auk, ix. p. 269 (1892).	Ecuador.
25. **cinnamomina** (*Swains.*). (p. 439.)	S. America (Patagonia to Brazil, Peru, Colombia).
26. **isabellina** (*Swains.*). (p. 441.)	Guiana, Venezuela.
27. **caribbæarum** (*Gm.*). (p. 442, note.)*	Lesser Antilles (Porto Rico, S. Thomas).
28. **sparvericides** (*Vig.*). (p. 443.) [*leucophrys*, Ridgw. (p. 442.)]*	Cuba.

LXXX. ERYTHROPUS, *Brehm.*

(*Cerchneis*, pt., Sharpe, Cat. B. i. p. 423, 1874.)

1. **vespertinus** (*Linn.*). (p. 443.)	S.E. & C. Europe. S.W. Africa (*winter*).
2. **amurensis** (*Radde*). (p. 445.)	E. Siberia. S.E. Africa (*winter*).

LXXXI. DISSODECTES, *Sclater.*

(*Cerchneis*, pt., Sharpe, *t. c.* p. 423.)

1. **ardesiacus** (*Bonn. & Vieill.*). (p. 446.)	N.E. Africa, Equat. Africa, W. Africa (Senegambia to Angola).
2. **dickinsoni** (*Scl.*). (p. 447.)	Zambesi R., Nyasa-land. Angola.
3. **zoniventris** (*Peters*). (p. 447.)	Madagascar.

* *Teste* Ridgway, *in litt*

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Sub-Order III. *PANDIONES.*

(Sharpe, Cat. B. i. p. 448, 1874.)

I. PANDION, *Savigny.*

(Sharpe, *t. c.* p. 448.)

1. **haliaëtus** (*Linn.*). (p. 449.)	Eastern Hemisphere.
2. **carolinensis**, *Gm.* [*haliaëtus*, pt. (p. 449.)]	N. America.
3. **leucocephalus**, *Gould.* (p. 451.)	Australia. Austro-Malayan Is.

II. POLIOAËTUS, *Kaup.**

(Sharpe, *t. c.* p. 452.)

1. **ichthyaëtus** (*Horsf.*). (p. 452.)	Indian Peninsula, Ceylon, Burmese Provinces, Malay Peninsula, Greater Sunda Is., Celebes, Philippine Is.
2. **humilis** (*Mull. & Schl.*). (p. 454.)	Cachar, Burmese Provinces, Malay Peninsula, Greater Sunda Is., Celebes.
3. **major**, *A. B. Meyer & Wiglesw.*, B. Celebes, i. p. 44 (1898).	Sub-Himalayan districts to Assam.

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* *Polioaëtus* has, by recent writers, been restored to its former position among the Sea-Eagles; but I still keep it with the Ospreys, as I am not yet satisfied that it does not possess the reversible outer toe of the latter group. An excellent field-naturalist, of wide experience in India, assures me that the outer toe *is* reversible.

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Order XXVI. STRIGIFORMES.

(*Striges*, Sharpe, Classif. B. p. 79, 1891.)

[*Cf.* Pycraft, Tr. Linn. Soc. 2nd ser. Zool. vii. pt. 6, pp. 223–275, pls. 24–29, 1898.]

Family I. BUBONIDÆ.

(Sharpe, Cat. B. ii. p. 1, 1875.)

Sub-Family I. *ASIONINÆ*.

(*Cf.* Pycraft, *t. c.* p. 269.)

I. **ASIO**, *Briss.*
(Sharpe, Cat. B. ii. p. 225, 1875.)

1. **otus** (*Linn.*). (p. 227.)	Europe. N. Asia. Japan, China. Himalayas, N.W. India.
2. **wilsonianus** (*Less.*). [*americanus*, Steph. (p. 229.)]	Temperate N. America, S. to tablelands of Mexico.
3. **clamator** (*Vieill.*). [*mexicanus*, Gm. (p. 231.) *Cf.* Salvin & Godman, Biol. Centr.-Am., Aves, ii. p. 5.]	S. America, Panama.
4. **midas** (*Schl.*). (p. 231, note.)	S.E. Brazil, La Plata.
5. **madagascariensis** (*Smith*). (p. 232.)	Madagascar.
6. **accipitrinus** (*Pall.*). (p. 234.)	Cosmopolitan.
7. **portoricensis**, *Ridgw.*, Proc. U.S. Nat. Mus. iv. p. 368 (1882).	Porto Rico.
8. **galapagensis** (*Gould*). (p. 234, pt.)	Galapagos Is.
9. **nisuella**, *Daud.* [*capensis* (Smith). (p. 239.) *Cf.* Reichen. Mittl. Hochl. deutsch. Ost-Afrika, p. 271, 1898.]	Tropical Africa, N. Africa. Spain.

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10. **major** (*Schl.*). [*capensis* (Smith), pt. p. 239.]	Madagascar.
11. **butleri**, *Hume*, Str. F. vii. p. 316 (1878).	Peninsula of Sinai to Mekran coast.
12. **stygius** (*Wagl.*). (p. 241.)	C. & S. America. Cuba.
13. **grammicus** (*Gosse*). (p. 242.)	Jamaica.
14. **macrurus** (*Kaup*). (p. 242.)	Mexico.
15. **henrici**, *Milne-Edw.*, C. R. II. Congr. Orn. Intern. ii. p. 63 (1892).	S. France (Eocene).

Sub-Family II. *KETUPINÆ.*

II. KETUPA, *Less.*

(Sharpe, Cat. B. ii. p. 4, 1875.)

1. **ceylonensis** (*Gm.*). (p. 4.)	Palestine. Indian Peninsula, Ceylon, Indo-Chinese Provinces, S. China.
2. **flavipes** (*Hodgs.*). (p. 5.)	Himalayas, China.
3. **ketupa** (*Horsf.*). [*javanensis*, Less. (p. 8.)]	Malayan Peninsula to S. Tenasserim. Greater Sunda Is.
4. **minor**, *Büttik.*, Notes Leyden Mus. xviii. p. 165 (1896).	Nias Isl.

III. SCOTOPELIA, *Bp.*

(Sharpe, *t. c.* p. 9.)

1. **peli**, *Bp.* (p. 10.)	W. Africa (Senegambia to Gaboon). E. Africa (Nyasa-land to Zulu-land).
2. **oustaleti**, *Rochebr.*, Bull. Soc. Philom. (7) vii. p. 165 (1883).	Senegambia.

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3. **ussheri**, *Sharpe*. (p. 11.)	Gold Coast.
4. **bouvieri**, *Sharpe*. (p. 11.)	Gaboon.

Sub-Family III. *BUBONINÆ.*

IV. **BUBO**, *Cuv.*

(Sharpe, Cat. B. ii. p. 12, 1875.)

1. **bubo** (*Linn.*). [*ignavus*, Forst. (p. 14.)]	Europe.
2. **sibiricus**, *Licht.*, Menzbier, Ibis, 1885, p. 262.	E. of Ural Mts. Bashkiria.
3. **turcomanus** (*Eversm.*). (p. 17.)	Deserts of S.W. Siberia, Turkestan, Tibet, Himalayas.
4. **virginianus** (*Gm.*). (p. 19.)	E. N. America, S. from Labrador. C. America to Costa Rica.
5. **pallescens**, *Stone*, Amer. Nat. xxxi. p. 273 (1897).* [*sub-arcticus* (nec Hoy), A. O. U. Check-l. p. 148, 1895).]	Western U. States, British Columbia, Manitoba, S. to Mexican tablelands.
6. **arcticus**, *Swains.* (p. 19, pt.) [*sub-arcticus*, Hoy, *cf.* Allen, Auk, xv. p. 71.]	Arctic America. N.W. U. States (*winter*).
7. **saturatus**, *Ridgw.*, Man. N. Amer. B. 2nd ed. p. 263 (1896).	Labrador to Alaska, and S. to California.
8. **pacificus**, *Cass.* (p. 19, pt.)	W. N. America.
9. **nigrescens**, *Berl. & Tacz.*, P. Z. S. 1884, p. 309.	Ecuador.
10. **ascalaphus**, *Savign.* (p. 24.)	N.E. Africa.
11. **barbarus**, *Erlanger*, Orn. MB. v. p. 192 (1897).	C. Tunis.
12. **desertorum**, *Erlanger*, Orn. MB. v. p. 192 (1897).	S. Tunis.

* *Cf.* Auk, xv. p. 71 (Jan. 1898).

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13. **abyssinicus** (*Guér.*). (p. 227, note.) [*Cf.* Sharpe, Bull. B. O. C. vii. p. xxvi.]	Shoa, Somali-land.
14. **milesi**, *Sharpe*, Ibis, 1886, p. 163, pl. vi.	Muscat, S.E. Arabia.
15. **bengalensis** (*Frankl.*). (p. 25.)	Indian Peninsula.
16. **capensis**, *Smith*. (p. 27.)	S. Africa.
17. **magellanicus**, *Gm.* (p. 29.)	Tropical S. America.
18. **maculosus** (*Vieill.*). (p. 30.)	S. Africa, W. to Benguela, N. to Nyasa-land.
19. **cinerascens**, *Guér.* (p. 32.)	N.E. Africa, W. Africa.
20. **lacteus** (*Temm.*). (p. 33.)	S. Africa.
21. **verreauxi**, *Bp.* (p. 33, pt.)	N.E. Africa, Nigeria.
22. **coromandus** (*Lath.*). [*sinensis*, Heude, *cf.* Sharpe, Ibis, 1875, p. 255.]	Indian Peninsula, China.
23. **blakistoni**, *Seebohm*, P. Z. S. 1883, p. 466.	Japan.
24. **doerriesi**, *Seebohm*, Bull. B. O. C. v. p. iv (1895).	E. Siberia. S.W. Ussuri.
25. **lettii**, *Büttik.*, Notes Leyd. Mus. xi. pp. 34, 115, pl. vi.	W. Africa (Liberia).
26. **incertus**, *Milne-Edw.*, C. R. II. Congr. Orn. Intern. ii. p. 63 (1892).	S. France (Eocene).
27. **arvernensis**, *Milne-Edw.*, Lydekker, Cat. Foss. B. p. 15.	France (Lower Miocene).
28. **poirrieri**, *Milne-Edw.*, Lydekker, *t. c.* p. 15.	France (Miocene).

V. **Necrohyas**, *Milne-Edw.*

(Milne-Edw., C. R. II. Congr. Intern. ii. p. 61, 1892.)

1. **harpax**, *Milne-Edw. l. c.*	S. France (Eocene).
2. **rossignoli**, *Milne-Edw. l. c.*	S. France (Eocene).

VI. **HUHUA**, *Hodgs.*

(*Bubo*, pt., Sharpe, Cat. B. ii. p. 12, 1875.)

1. **shelleyi** (*Sharpe & Ussher*). (p. 37.)	Gold Coast.

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2. **nipalensis,** *Hodgs.* (p. 37.) [*pectoralis*, Jerd. (p. 38, note).]	Himalayas, Hills of S. India and Ceylon, Burmese Provinces.
3. **orientalis** (*Horsf.*). (p. 39.)	S. Tenasserim, Malay Peninsula, Greater Sunda Is.
4. **leucosticta,** *Hartl.* (p. 41.)	W. Africa (Gold Coast to Gaboon).
5. **poensis,** *Fraser.* (p. 42.)	W. Africa (Gold Coast to Gaboon), Fernando Po.

VII. PSEUDOPTYNX, *Kaup.*

(*Bubo*, pt., Sharpe, Cat. B. ii. p. 12, 1875.)

1. **philippinensis,** *Kaup.* (p. 43.)	Philippine Is. (Luzon).
2. **gurneyi,** *Tweedd.*, P. Z. S. 1878, p. 940.	Philippine Is. (Mindanao).

VIII. NYCTEA, *Steph.*

(Sharpe, *t. c.* p. 125.)

1. **nyctea** (*Linn.*). [*scàndiaca*, Sharpe, *t. c.* p. 125.]	Arctic Regions, S. to U. States. Europe, C. Asia. N.W. Himalayas (*winter*).

IX. PULSATRIX, *Kaup.*

(*Syrnium*, pt., Sharpe, *t. c.* p. 244.)

1. **perspicillata** (*Lath.*). (p. 277.)	S. America, C. America (Panama to Mexico).
2. **melanonota** (*Tschudi*). (p. 280.)	Brazil to Peru.

X. SCOPS, *Savigny.*

(Sharpe, *t. c.* p. 43.)

1. **scops** (*Linn.*). [*giu*, Scop. (p. 47.)]	Europe. C. Asia, N.W. India.
2. **socotrana,** *Ogilvie Grant & Forbes*, Bull. Liverp. Mus. ii. p. 2.	Socotra Isl.

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3. **capensis,** *Smith.* (p. 52.)	Tropical S. Africa.
4. **ugandæ** (*O. Neum.*, J. f. O. 1898, p. 500).	Uganda.
5. **hendersoni** (*Cass.*). (p. 52, note.)	Angola.
6. **pennata,** *Hodgs.* (p. 53.)	Himalayas, Indian Peninsula.
7. **stictonota,** *Sharpe.* (p. 54.)	E. Siberia. Japan, China, Indo-Chinese countries, E. Himalayas.
8. **rufipennis,** *Sharpe.* (p. 60.)	Madras.
9. **elegans,** *Cass.* [*japonica*, Sharpe (nec Bp.). (p. 56.)]	Liu Kiu Isl., Japan.
10. **malayana,** *Hay.* (p. 58.) [*gymnopoda*, Gray. (p. 65.)]	Malay Peninsula to China.
11. **nicobarica** (*Hume*, Str. F. iv. p. 283, 1876).	Nicobar Is.
12. **minuta,** *Legge*, Ann. & Mag. N. H. (5) i. p. 175 (1878).	Ceylon.
13. **brucei** (*Hume*). (p. 62.) [*obsoletus*, Cab. J. f. O. 1875, p. 126.]	Transcaspia. C. Asia. Afghanistan, Sind, C. India.
14. **spilocephala** (*Blyth*). (p. 63.)	Himalayas. Burmese Hills.
15. **hambroecki** (*Swinh.*). (p. 64.)	Formosa.
16. **sunia,** *Hodgs.* (p. 67.) [*giu*, pt., Blanf. Faun. Brit. Ind., Birds, iii. p. 292.]	Indian Peninsula, Burmese Provinces, Malay Peninsula.
17. **novæ-zealandiæ,** *Bp.* (p. 43, note.)	[New Zealand.]
18. **scapulata,** *Bocage*, Jorn. Lisb. 1888, p. 229.	W. Africa (St. Thomas).
19. **leucopsis** (*Hartl.*). (p. 311.)	W. Africa (St. Thomas).
20. **megalotis,** *Gray.* (p. 69.)	Philippine Is.

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21. **podargina** (*Hartl. & Finsch*). (pp. 151, 313.)	Pelew Is.
22. **magica** (*Müll.*). (p. 70.)	Ceram, Amboina.
23. **leucospila** (*Gray*). (p. 72.)	Batchian, Halmahéra.
24. **buruensis**, *Sharpe*. (p. 73.) [*leucospila*, pt., Salvad. Orn. Pap. i. p. 74.]	Buru.
25. **morotensis**, *Sharpe*. (p. 75.)	Morotai.
26. **beccarii**, *Salvad.*, Ann. Mus. Genov. vii. p. 906 (1875); id. Orn. Pap. i. p. 77.	Misori Isl., N.W. New Guinea.
27. **menadensis**, *Q. & G.* (p. 76.)	Celebes.
28. **siaoensis**, *Schl.* (p. 78.) [? *menadensis*, pt., A. B. Meyer & Wiglesw. B. Celebes, i. p. 103 (1898).]	Sangi Isl.
29. **sulaensis** (*Hartert*, Nov. Zool. v. p. 126. 1898).	Sula Is.
30. **rutila**, *Pucher*. (p. 80.)	Madagascar.
31. **capnodes**, *Gurney*, Ibis, 1889, p. 104.	Comoro Is. (Anjuan).
32. **albiventris**, *Sharpe*. (p. 78.)	Lesser Sunda Is. (Flores).
33. **sylvicola**, *Wall.* (p. 82.)	Flores.
34. **pryeri**, *Gurney*, Ibis, 1889, p. 302.	Liu Kiu Is.
35. **semitorques** (*Temm. & Schl.*). (p. 83.)	Japan.
36. **plumipes** (*Hume*). (p. 85.)	Himalayas.
37. **bakkamæna** (*Forst.*). [*Cf.* Blanf. Faun. Brit. Ind., Birds, iii. p. 297. *malabaricus*, Jerd. (p. 94.)]	S. Indian Peninsula, Ceylon.
38. **lettia**, *Hodgs.* (p. 85.)	Himalayas.
39. **glabripes** (*Swinh.*). [*elegans*, Sharpe (*nec* Cass.). (p. 87.)]	China, Formosa.

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40. **erythrocampa** (*Swinh.*). (p. 89.)	China.
41. **lempiji** (*Horsf.*). (p. 91.)	Indo-Chinese Provinces, Malay Peninsula, Greater Sunda Is.
42. **umbratilis** (*Swinh.*). (p. 93.)	Hainan.
43. **everetti,** *Tweedd.*, P. Z. S. 1878, p. 492.	Philippine Is. (Mindanao).
44. **fuliginosa,** *Sharpe*, Ibis, 1888, p. 197.	Palawan.
45. **brookei,** *Sharpe*, Bull. B. O. B. i. p. iv (1892).	Mts. of N.W. Borneo.
46. **mantananensis,** *Sharpe*, Bull. B. O. C. i. p. iv (1892).	Mantanani Isl., N.W. Borneo.
47. **sibutuensis,** *Sharpe*, Bull. B. O. C. ii. p. ix (1893).	Sulu Archipelago (Si Batu Isl.).
48. **solokensis** (*Hartert*, Bull. B. O. C. ii. p. xxxix 1893).	Solok, W. Sumatra.
49. **longicornis,** *Ogilvie Grant*, Bull. B. O. C. iii. p. li (1894).	Philippine Is. (Luzon).
50. **whiteheadi,** *Ogilvie Grant*, Bull. B. O. C. iv. p. xl (1895).	Philippine Is. (Luzon).
51. **alfredi,** *Hartert*, Nov. Zool. iv. p. 527 (1897).	Lesser Sunda Is. (Flores).
52. **leucotis** (*Temm.*). (p. 97.)	Tropical Africa.
53. **sagittata** (*Cass.*). (p. 98.)	S. Tenasserim, Malay Peninsula.
54. **balli** (*Hume*). (p. 100.)	Andaman Is.
55. **rufescens** (*Horsf.*). (p. 102.)	Malay Peninsula, Greater Sunda Is.
56. **icterorhyncha,** *Shelley*. (p. 103.)	Gold Coast.

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57. **idahoensis** (*Merriam*, N. Am. Faun. no. 5, p. 96, 1895).	Idaho.
58. **barbara**, *Scl. & Salv.* (p. 107.)	Guatemala.
59. **brasiliana** (*Gm.*). (p. 108.)	Brazil. Amazonia to Venezuela, Guiana, and Colombia. Costa Rica.
60. **roraimæ**, *Salvin*, Bull. B. O. C. vi. p. xxxviii (1897).	Mt. Roraima, British Guiana.
61. **ingens**, *Salvin*, Bull. B. O. C. vi. p. xxxvii (1897).	Ecuador.
62. **sanctæ-catarinæ**, *Salvin*, Bull. B. O. C. vi. p. xxxvii (1897).	Santa Catarina, Brazil.
63. **atricapilla** (*Temm.*). [*brasilianus*, pt. (p. 108.)]	E. & S. Brazil.
64. **usta**, *Scl.* (p. 111.)	Upper Amazonia.
65. **cassini**, *Ridgw.*, Proc. U.S. Nat. Mus. i. p. 102 (1878).	E. Mexico (Vera Cruz).
66. **hastata**, *Ridgw*, Proc. U.S. Nat. Mus. x. p. 268 (1887).	W. Mexico (Mazatlan, Jalisco, Tepic).
67. **guatemalæ**, *Sharpe*. (p. 112.) [*marmoratus*, Nelson, Auk, xv. p. 49 (1897). *vermiculatus*, Ridgw. Proc. U.S. Nat. Mus. x. p. 267 (1887). *Cf.* Salvin & Godman, Biol. Centr.-Am., Aves, ii. p. 20.]	C. America (Mexico to Panama). W. Ecuador.
68. **asio** (*Linn.*). (p. 114.)	E. North America, S. to Georgia.
69. **floridana**, *Ridgw.* (*Cf.* A. O. U. Check-l. 2nd ed. p. 145, 1895.)	Gulf States, U.S.A.; Florida.
70. **trichopsis**, *Wagl.* (*Cf.* Salvin & Godman, Biol. Centr.-Am., Aves, ii. p. 16.) [*enano* (nec Ridgw.), Sharpe, Cat. p. 118. *aspersus*, Brewst. Auk, v. p. 87 (1888). *ridgwayi*, Nelson & Palmer, Auk, xi. p. 39 (1894).]	Mexico to Guatemala, N. to Arizona.

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71. **pinosa** (*Nelson & Palmer*, Auk, xi. p. 39, 1894).	Mexico (Vera Cruz).
72. **maccalli**, *Cass.* (*Cf.* Auk, xvi. p. 109, 1899.) [*trichopsis* (nec Wagler), Sharpe, Cat. ii. p. 119 (1875); *cf.* Salvin & Godman, Biol. ii. p. 18.]	Texas, E. Mexico (Nuevo Leon).
73. **vinacea** (*Brewster*, Auk, v. p. 88, 1888).	N. Mexico (Chihuahua).
74. **aikeni** (*Brewster*, Auk, viii. p. 139, 1891).	Colorado, probably S. to New Mexico and N.E. Arizona.
75. **cineracea** (*Ridgw.*, Auk, xii. p. 389, 1895).	Arizona, New Mexico, W. Texas, ? Lower California, N.W. Mexico.
76. **bendirei** (*Brewster*, Bull. Nutt. Orn. Club. vii. p. 31, 1882).	Coast region of California.
77. **kennicotti**, *Elliot.* (p. 117.)	N.W. America (Oregon to Sitka).
78. **maxwelliæ**, *Ridgw.*, Field & Forest, June 1877, pp. 210, 213. [*Cf.* A. O. U. Check-l. 2nd ed. p. 146.]	Rocky Mts. (Colorado to Montana).
79. **macfarlanei** (*Brewster*, Auk, viii. p. 140, 1891). [*saturatus*, Brewster, *t. c.* p. 141.]	S. British Columbia to Central Oregon, E. to Montana.
80. **cooperi**, *Ridgw.*, Proc. U.S. Nat. Mus. i. p. 116 (1878).	W. Mexico (Tehuantepec), Salvador to Nicaragua and Costa Rica.

XI. LOPHOSTRIX, *Less.*

(*Scops*, pt., Sharpe, Cat. B. ii. p. 43, 1875.)

1. **cristata** (*Daud.*). (p. 122.)	Lower Amazonia to Guiana & Ecuador.
2. **stricklandi**, *Sel. & Salv.* (p. 124.)	C. America (Mexico to Panama).

XII. PSILOSCOPS, *Coues*, MSS., 1898.

1. **flammeola** (*Kaup*). (p. 105.)	Guatemala and Mexico, to Colorado and N. California.
2. **nudipes** (*Vieill.*). (p. 121.)	Costa Rica to Panama.

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XIII. HETEROSCOPS, *Sharpe.*

(Sharpe, Ibis, 1889, p. 77.)

1. **luciæ** (*Sharpe*, Ibis, 1888, p. 478). [*Cf.* Sharpe, Ibis, 1889, pl. iii.] — Mts. of N.W. Borneo.

XIV. GYMNOSCOPS, *Tristr.*

(Tristr. Ibis, 1880, p. 356.)

1. **insularis**, *Tristr. l. c.* p. 356, pl. xiv. — Mahé Isl., Seychelles.

XV. SCELOGLAUX, *Kaup.*

(Sharpe, Cat. B. ii. p. 187, 1875.)

1. **albifacies** (*Gray*). (p. 187.) — New Zealand.

XVI. NINOX, *Hodgs.*

(Sharpe, *t. c.* p. 151.)

1. **lugubris** (*Tickell*). (p. 154.) — Himalayas, Indian Peninsula, Burmese Countries.
2. **scutulata**, *Raffl.* (p. 156.) — S. India, Ceylon, Tenasserim, Malay Peninsula, Greater Sunda Is.
3. **affinis**, *Beavan.* (p. 155.) — Andaman Is., Nicobar Is.
4. **japonica** (*Temm. & Schl.*). [*florensis*, Wall. P. Z. S. 1863, p. 488. *macroptera*, W. Blasius, Ornis, 1888, p. 545.] — Japan, China, Indo-Malayan Is. Celebes (*winter*), Sangi Is. (*winter*), Ternate (*winter*).
5. **ochracea** (*Schl.*). (p. 167.) — Celebes.
6. **philippensis**, *Bp.* (p. 167.) — Philippine Is (Luzon, Negros, Guimaras).
7. **everetti**, *Sharpe*, Bull. B. O. C. vi. p. xlvii (1897). — Sulu Archipelago (Siassi Isl.).
8. **spilocephala**, *Tweedd.*, P. Z. S. 1878, p. 940. — Philippine Is. (Mindanao, Basilan).
9. **spilonota**, *Bourns & Worcest.*, Occ. Pap. Minnes. Acad. i. p. 8 (1894). — Philippine Is. (Cebu, Mindanao).

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10. **reyi**, *Oust.*, Bull. Assoc. Sc. France, 1880, no. 39, p. 206 (1880).	Sulu Archipelago.
11. **mindorensis**, *Ogilvie Grant*, Ibis, 1896, p. 463.	Philippine Is. (Mindoro).
12 **boobook** (*Lath.*). (p. 168.)	Australia.
13. **albaria**, *Ramsay*, Tab. List Austr. B. p. 37 (1888).	Lord Howe Isl.
14. **rosseliana**, *Tristr.*, Ibis, 1889, p. 557.	Louisiade Arch. (Rossel Isl.).
15. **ocellata**, *Jucq. & Pucher.* (p. 170.)	N. & W. Australia.
16. **fusca** (*Vieill.*). (p. 172.)	Lesser Sunda Is. (Timor).
17. **novæ-zealandiæ** (*Gm.*). (p. 173.)	New Zealand.
18. **maculata** (*Vig. & Horsf.*). (p. 174.) [*Cf.* Gurney, Ibis, 1885, p. 139.]	Tasmania, S. Australia, New S. Wales, Norfolk Isl.
19. **dimorpha** (*Salvad.*). (p. 175.)	New Guinea, Jobi Isl.
20. **connivens** (*Lath.*). (p. 175.)	Australia generally.
21. **occidentalis**, *Ramsay*, Proc. Linn. Soc. N.S.W. (2) i. p. 1086.	N.W. Australia.
22. **peninsularis**, *Salvad.*, Ann. Mus. Civic. Genov. vii. p. 992 (1875).	Cape York, N. Australia.
23. **rufistrigata** (*Gray*). (p. 177.)	Moluccа Is. (Halmahéra).
24. **assimilis**, *Salvad. & D'Albert.*, Ann. Mus. Genov. vii. p. 809 (1875). [*albomaculata*, Ramsay, Pr. Linn. Soc. N.S.W. iv. p. 249 (1879).]	S.E. New Guinea.
25. **obscura**, *Hume.* (p. 178.)	Andaman Is., Nicobar Is.
26. **theomacha**, *Bp.* (p. 178.)	New Guinea, Mysol, Waigiou.
27. **goodenoviensis**, *De Vis*, Ann. Rep. Brit. New Guinea, p. 58 (1890).	Goodenough Isl.
28. **strenua** (*Gould*). (p. 178.)	Australia.

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29. **humeralis,** *Bp.* (p. 180.) [*franseni* (Schl.) (p. 181); *cf.* Salvad. Orn. Pap. i. p. 84. *undulata*, Ramsay, Pr. Linn. Soc. N.S.W. iii. p. 249 (1879).]	New Guinea, Waigiou.
30. **aruensis** (*Schl.*). (p. 181.)	Aru Is.
31. **ediosa,** *Scl.*, P. Z. S. 1877, p. 108.	Bismarck Archipelago (New Britain).
32. **superciliaris** (*Vieill.*). (p. 181.)	Madagascar.
33. **punctulata** (*Q. & G.*). (p. 182.) [*plateni* (W. Blasius, *in litt.*), Hartl. Abh. nat. Ver. Bremen, xvi. p. 271 (1899)]	Celebes. Mindoro, Philippines.
34. **granti,** *Sharpe*, P. Z. S. 1888, p. 183. [*punctulata* (nec Q. & G.), Ramsay, Pr. Linn. Soc. N.S.W. iv. p. 66 (1879).]	Solomon Is. (Guadalcanar).
35. **hypogramma** (*Gray*). (p. 183.)	Molucca Is. (Batchian, Halmahéra, Ternate).
36. **squamispila** (*Bp.*). (p. 184.)	Ceram, Mysol.
37. **variegata** (*Q. & G.*). (p. 185.) [*Cf.* Salvad. Orn. Pap. i. p. 88. *novæ britanniæ*, Ramsay, Proc. Linn. Soc. N.S.W. ii. p. 105 (1877).]	Bismarck Archipelago (New Ireland, New Britain).
38. **solomonis,** *Sharpe*, P. Z. S. 1876, p. 627.	Solomon Is.
39. **rudolfi,** *A. B. Meyer*, Ibis, 1882, p. 232, pl. vi.	Lesser Sunda Is. (Sumba Isl.).
40. **hantu** (*Wall.*). (p. 185.)	Buru.
41. **forbesi,** *Scl.*, P. Z. S. 1883, p. 51.	Tenimber Is.
42. **natalis,** *Lister*, P. Z. S. 1888, p. 515.	Christmas Isl., Indian Ocean.
43. **jacquincti** (*Bp.*). (*Cf.* Salvad. Orn. Pap. i. p. 84.) [*tæniata* (Jacq. & Pucher.). (p. 186.)]	Solomon Is., New Britain.
44. **terricolor,** *Ramsay*, Proc. Linn. Soc. N. S. W. iv. p. 466 (1879). [*goldiei*, Gurney, Ibis, 1883, p. 169: *cf.* Salvad. Agg. Orn. Pap. i. p. 22 (1889).]	S.E. New Guinea.

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Sub-Family IV. *SYRNIINÆ.*

(Sharpe, Cat. B. ii. p. 225, 1875.)

XVII. SYRNIUM, *Savign.*

(Sharpe, *t. c.* p. 244.)

1. **aluco** (*Linn.*). (p. 247.)	Europe. Mediterranean countries.
2. **willkonskii,** *Menzbier*, Bull. B. O. C. vi. p. vi (1896).	Transcaucasia.
3. **nivicola** (*Hodgs.*). (p. 250.)	Himalayas, N.W. China.
4. **biddulphi,** *Scully*, Ibis, 1881, p. 423.	Gilgit, N.W. India, Afghanistan, C. Asia.
5. **davidi,** *Sharpe.* (p. 251.)	N.W. China (Moupin).
6. **uralense** (*Pall.*). (p. 255.)	N. Europe. Siberia.
7. **fuscescens,** *Temm. & Schl.* (p. 257.)	Japan.
8. **nebulosum** (*Forst.*). (p. 257.)	E. Canada. E. United States, S. to Texas.
9. **alleni,** *Ridgw.*, Proc. U. S. Nat. Mus. iii. p. 8 (1880).	S. Carolina and Texas.
10. **helveolum,** *Bangs*, Proc. New Eng. Zool. Club, i. p. 31 (1899).	Texas.
11. **occidentale,** *Xantus.* (p. 260.)	S. Colorado, New Mexico, Arizona, California, Lower California, Mexico.
12. **caurinum,** *Merriam*, Auk, xv. p. 39 (1898).	W. N. America (Brit. Columbia to Washington State).
13. **sartorii,** *Ridgw.* (p. 258, note.)	E. Mexico.
14. **fulvescens,** *Scl. & Salv.* (p. 258.)	S. Mexico (Chiapas), Guatemala.

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15. **rufipes** (*King*). (p. 261.)	Chile, Patagonia.
16. **seloputo** (*Horsf.*). [*sinense* (Lath.). (p. 261.)]	Indo-Chinese Provinces, Malay Peninsula, Greater Sunda Is.
17. **ocellatum** (*Less.*). (p. 263.)	Indian Peninsula.
18. **whiteheadi**, *Sharpe*, Ibis, 1888, p. 196, pl. iii. [*wiepkeni*, W. Blasius, Ornis, 1888, p. 304.]	Philippine Is. (Palawan).
19. **leptogrammicum** (*Temm.*). (p. 264.)	Borneo.
20. **myrtha** (*Bp.*). (p. 264, note.)	Sumatra.
21. **niasense**, *Salvad.*, Ann. Mus. Genov. (2) iv. p. 526 (1887).	Nias Isl.
22. **woodfordi** (*Smith*). (p. 267.)	E. Africa (Cape Colony to Nyasa-land).
23. **nuchale**, *Sharpe*. (p. 265.)	W. Africa (Gold Coast to Angola).
24. **suahelicum**, *Reichen.*, Mittl. Hochl. N. deutsch. Ost-Afr. p. 272 (1898).	German East Africa.
25. **umbrinum**, *Heugl.*; Reichen. *t. c.* p. 272 (1898).	N.E. Africa.
26. **zanzibaricum**, *Reichen. t. c.* p. 272 (1898).	Zanzibar.
27. **behndorffi**, *Sharpe*, Journ. Linn. Soc., Zool. xvii. p. 439 (1884).	Equat. Africa (Niam-niam).
28. **nigricantius**, *Sharpe*, Bull. B. O. C. vi. p. xlvii (1897).	German E. Africa (Mpapwa).
29. **newarense** (*Hodgs.*). (p. 281.)	Himalayas, Burmese Provinces, Formosa.
30. **indrani** (*Sykes*). (p. 282.)	S. Indian Peninsula, Ceylon.
31. **maingayi**, *Hume*, Str. F. vi. p. 27 (1878). [*Cf.* Sharpe, P. Z. S. 1887, p. 478.]	Malay Peninsula.

XVIII. SCOTIAPTEX, *Swains.*

(*Surnium*, pt., Sharpe, Cat. B. ii. p. 244, 1875.)

1. **cinerea** (*Gm.*). (p. 252.)	Arctic America. U. States (*winter*).

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2. **lapponica** (*Retz.*). (p. 254.) — N. Europe. N. Asia. C. Europe (*occ.*). N.W. America (*occ.*).

XIX. CICCABA, *Wagler.*

(*Syrnium*, pt., Sharpe, Cat. B. ii. p. 244, 1875.)

1. **albigularis** (*Cass.*). (p. 270.) — Colombia, Ecuador.
2. **superciliaris** (*Pelz.*). (p. 271.) — Brazil, Amazonia.
3. **suinda** (*Vieill.*). (p. 272.) — Brazil.
4. **virgata** (*Cass.*). (p. 273.) — C. America (Mexico to Panama), Colombia, Venezuela.
5. **squamulata** (*Bp.*). (p. 273, pt.) — Mexico.
6. **huhula** (*Daud.*). (p. 275.) — Brazil, Guiana.
7. **nigrolineata** (*Scl.*). (p. 276.) — C. America (Mexico to Panama).
8. **spilonota**, *Sharpe.* (p. 277.) — Colombia.

Sub-Family V. *NYCTALINÆ.*

(*Cf.* Pycraft, Tr. Linn. Soc. 2nd ser. Zool. vii. pt. 6, p. 269, 1898.)

XX. GISELLA, *Bp.*

(*Syrnium*, pt., Sharpe, Cat. B. ii. p. 244, 1875.)

1. **harrisi** (*Cass.*). (p. 283.) — Colombia.
2. **iheringi**, *Sharpe*, Bull. B. O. C. viii. p. xl (1899). — São Paulo, Brazil.

XXI. NYCTALA, *Brehm.*

(Sharpe, *t. c.* p. 284.)

1. **tengmalmi** (*Gm.*). (p. 284.) — N. & C. Europe. N. Asia.

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2. **richardsoni**, *Bp.* [*tengmalmi*, pt. (p. 284.)]	Arctic America, Canada. Northern U. States (*winter*).
3. **acadica** (*Gm.*). (p. 287.)	U. States to Mexico.

XXII. SURNIA, *Daud.*

(Sharpe, Cat. B. ii. p. 129, 1875.)

1. **ulula** (*Linn.*). (p. 129.)	N. Europe. W. Asia.
2. **doliata** (*Pall.*, Zoogr. Rosso-Asiat. i. p. 316).	Kamtchatka, Alaska, Siberia.
3. **caparoch** (*P. L. S. Müll.*). [*Cf.* Stejneger, Auk, i. p. 363 (1884).] [*funerea*, nec Linn. (p. 131).]	Arctic America. Northern U. States (*winter*). Great Britain (*acc.*).

XXIII. ATHENE, *Boie.*

(*Carine*, Kaup; Sharpe, *t. c.* p. 132.)
[*Cf.* Blanf. Faun. Brit. Ind., Birds, iii. p. 300, 1895.]

1. **noctua** (*Scop.*). (p. 133.)	C. & S. Europe.
2. **glaux** (*Savign.*). (p. 135.)	Mediterranean countries to C. Asia.
3. **spilogastra** (*Heugl.*). (p. 138.)	Coasts of Red Sea. Somali-land.
4. **bactriana**, *Blyth.* [Blanf. Faun. Brit. Ind., Birds, iii. p. 303, 1895.]	Afghanistan, C. Asia, Tibet, N. China.
5. **brama** (*Temm.*). (p. 138.)	Indian Peninsula.
6. **pulchra**, *Hume.* (p. 140.)	Burmese Provinces.
7. **muribora**, *Günth. & E. Newt.*, Phil. Trans. clxviii. p. 424 (1879).	Rodriguez (Pleistocene).

XXIV. HETEROGLAUX, *Hume.*

(Sharpe, *t. c.* p. 141.)
[*Athene*, pt., Blanf. *l. c.*]

1. **blewitti**, *Hume.* (p. 141.)	C. India.

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XXV. SPEOTYTO, *Gloger.*

(Sharpe, Cat. B. ii. p. 142, 1875.)

1. **cunicularia** (*Mol.*). (p. 142.)	S. America.
2. **hypogæa** (*Bp.*). [*cunicularia*, pt., p. 142. *obscura*, Stephens, Auk, xii. p. 272 (1895).]	W. N. America. C. America.
3. **guadalupensis**, *Ridgw.* (p. 147.)	Lesser Antilles.
4. **floridana**, *Ridgw.* [*Cf.* A. O. U. Check-list, 2nd ed. p 150, 1895. *bahamensis*, Cory, Auk, viii. p. 348 (1891).]	S. Florida. Bahamas.
5. **amaura**, *Lawr.*, Pr. U.S. Nat. Mus. i. p. 234 (1878).	Lesser Antilles (Antigua).
6. **restrata**, *C. H. Townsend*, Proc. U.S. Nat. Mus. xiii. p. 133 (1890).	Clarion Isl., Lower California.
7. **brachyptera**, *Richmond*, Proc. U.S. Nat. Mus. xviii. p. 663 (1896).	Margarita Isl.
8. **dominicensis**, *Cory*, Bull. Nutt. Orn. Club, vi. p. 154 (1881).	Haiti and S. Domingo.

XXVI. GYMNASIO, *Bp.*

(Sharpe, *t. c.* p. 149.)

1. **nudipes** (*Daud.*). (p. 149.) [*krugi*, Gundl. J. f. O. 1875, p. 223.]	Lesser Antilles.
2. **lawrencei** (*Scl. & Salv.*). (p. 150.)	Cuba.

XXVII. GLAUCIDIUM, *Boie.*

(Sharpe, *t. c.* p. 188.)

1. **nanum** (*King*). (p. 190.)	Chile, Patagonia.
2. **passerinum** (*Linn.*). (p. 191.)	N. & C. Europe.
3. **orientale**, *Tacz.*, Mém. Acad. St. Pétersb. (7) xxxix. p. 128 (1891).	E. Siberia.

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4. **siju** (*D'Orb.*). (p. 193.)	Cuba.
5. **gnoma,** *Wagl.* (p. 194.)	W. N. America (Brit. Columbia and E. Rocky Mts. to Tablelands of Mexico).
6. **californicum,** *Sel.* (p. 194, pt.) [*Cf.* A. O. U. Check-l. 2nd ed. p. 151, 1895.]	W. N. America (Coast of California to Brit. Columbia).
7. **hoskinsi,** *Brewst.*, Auk, v. p. 136 (1888). [*Cf.* A. O. U. Check-l. 2nd ed. p. 151, 1895.]	Lower California.
8. **fisheri,** *Nelson & Palmer*, Auk, xi. p. 41 (1894). [*gnoma*, pt., Salvin & Godman, Biol., Aves, ii. p. 35, 1897.]	Mexico (Puebla).
9. **cobanense,** *Sharpe.* (p. 199.) [*gnoma*, pt., Salvin & Godman, Biol., Aves, ii. p. 35, 1897.]	Guatemala.
10. **griseiceps,** *Sharpe.* (p. 196.)	British Honduras, Guatemala to Panama.
11. **pumilum** (*Temm.*). (p. 198.)	Brazil.
12. **ferox** (*Vieill.*). (p. 200.)	Brazil, Peru, Bolivia, Ecuador, Colombia, Guiana.
13. **phalænoides** (*Daud.*). (p. 203.)	Trinidad.
14. **ridgwayi,** *Sharpe.* (p. 205.) [*phalænoides*, pt., Salvin & Godman, Biol., Aves, ii. p. 33 (1897).]	S. United States (Texas to Arizona). C. America (Mexico to Panama).
15. **jardinii** (*Bp.*). (p. 207.)	Venezuela, Colombia, Ecuador, N. to Costa Rica.
16. **tephronotum,** *Sharpe.* (p. 211.)	S. America (loc. ign.).
17. **perlatum** (*Vieill.*). (p. 209.)	S. Africa. N.E. Africa.
18. **kilimense,** *Reichen.*, Orn. MB. i. p. 178 (1893).	Mt. Kilimanjaro, E. Africa.

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19. **sjöstedti**, *Reichen.*, Orn. MB. i. p. 65 (1893).	W. Africa (Cameroons).
20. **brodiei** (*Burton*). (p. 212.)	Himalayas to Assam, Tenasserim, and S. China. Malay Peninsula.
21. **pardalotum** (*Swinh.*). (p. 214.)	Formosa.
22. **sylvaticum** (*Bp.*). (p. 215.)	Sumatra.
23. **borneense**, *Sharpe*, Bull. B. O. C. i. p. lv (1893).	N.W. Borneo.
24. **castanonotum** (*Blyth*). (p. 215.)	Ceylon.
25. **castanopterum** (*Horsf.*). (p. 216.)	Java.
26. **radiatum** (*Tick.*). (p. 217.)	Indian Peninsula.
27. **malabaricum** (*Blyth*). (p. 218.) [*radiatum*, pt., Blanf. Faun. Brit. India, Birds, iii. p. 306, 1895.]	S. India, Ceylon.
28. **cuculcides** (*Gould*). (p. 219.)	Himalayas, Hills of C. India. Assam, Burmese Provinces.
29. **whitelyi** (*Swinh.*). (p. 222.)	China.
30. **capense** (*Smith*). (p. 223.)	S. Africa (E. Cape Colony to Nyasa-land).
31. **castaneum**, *Reichen.*, Orn. MB. i. p. 62 (1893).	Equatorial Africa.

XXVIII. MICROPALLAS, *Coues*, Auk, vi. p. 71 (1889).

[*Micrathene*, Coues (nec Sundev.), Sharpe, Cat. B. ii. p. 224.]

1. **whitneyi** (*Cooper*). (p. 224.)	S. California, Arizona, New Mexico, S. Texas, Valley of Mexico, Lower California.
2. **socorrensis** (*Ridgw.*, Auk, iii. p. 333).	Socorro Is., W. Mexico.

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Sub-Family VI. *PHOTODILINÆ.*

(*Cf.* Blanf. Faun. Brit. Ind., Birds, iii. p. 268, 1895.)

XXIX. PHOTODILUS, *Isid. Geoffr.*

[*Phodilus*, Sharpe, Cat. B. ii. p. 309, 1875.]

1. **badius** (*Horsf.*). (p. 309.)	E. Himalayas, Assam, Burmese Provinces, Malay Peninsula, Greater Sunda Is.
2. **assimilis**, *Hume*, Str. F. v. p. 138 (1877).	Ceylon.

XXX. HELIODILUS, *Milne-Edw.*

(Milne-Edw. C. R. lxxxv. p. 1282, 1878.)

1. **soumagnii**, *Grandid.*, Bull. Soc. Philom. (7) ii. p. 65 (1878).	Madagascar.

Family II. STRIGIDÆ.

(Sharpe, Cat. B. ii. p. 289, 1875.)

1. STRIX, *Linn.*

(Sharpe, *t. c.* p. 290.)

1. **flammea**, *Linn.* (p. 290.)	Europe. Africa.
2. **javanica** (*Gm.*). (p. 291, pt.) [*Cf.* Blanf. Faun. Brit. Ind., Birds, iii. p. 264, 1895.]	Indian Peninsula. Indo-Chinese Provinces. Greater and Lesser Sunda Is.
3. **sumbaensis**, *Hartert*, Nov. Zool. iv. p. 270 (1897).	Lesser Sunda Is. (Sumba Isl.).
4. **perlata** (*Licht.*). (p. 291, pt.).	C. & S. America.
5. **pratincola**, *Bp.* (*Cf.* A. O. U. Check-l. 2nd ed. p. 143, 1895.)	Temperate N. America, S. from lat. 41°.
6. **furcata** (*Temm.*). (p. 296.)	Jamaica.

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7. **contempta,** *Hartert*, Nov. Zool. v. p. 500 (1898). N.W. Ecuador.

8. **bargei,** *Hartert*, Bull. B. O. C. i. p. xiii (1892). Curaçao Isl.

9. **delicatula,** *Gould.* (p. 297.) Australia, New Caledonia, New Hebrides, Loyalty Is.

10. **lulu,** *Peale.* (p. 291, pt.) Society Is., Tonga Is., Samoa Is.

11. **rosenbergi,** *Schl.* (p. 298.) Celebes.

12. **inexpectata,** *Schl.*, Notes Leyden Mus. i. p. 59 (1879). N. Celebes.

13. **punctatissima,** *Gould.* (p. 292.) Galapagos Is.

14. **nigrescens,** *Lawr.*, Proc. U. S. Nat. Mus. i. p. 64 (1878). Lesser Antilles (Dominica).

15. **glaucops,** *Kaup.* (p. 291, pt.) [*dominicensis*, Cory, Bull. Nutt. Orn. Club, viii. p. 95 (1883).] S. Domingo.

16. **insularis,** *Pelz.* (p. 291, pt.) Cape Verde Is.

17. **dercepstorffi,** *Hume*, Str. F. iii. p. 390 (1875). Andaman Is.

18. **novæ-hollandiæ,** *Steph.* (p. 303.) Australia. New Caledonia. Loyalty Is.

19. **sororcula,** *Scl.*, P. Z. S. 1883, p. 51. Tenimber Is.

20. **castanops,** *Gould.* (p. 304.) Tasmania.

21. **aurantia,** *Salvad.*, Atti R. Acc. Torino, xvi. p. 619 (1881); id. Orn. Pap. iii. p. 512 (1882). New Britain.

22. **tenebricosa,** *Gould.* (p. 306.) Australia.

23. **arfaki,** *Schl.*, Notes Leyd. Mus. i. p. 101 (1879). New Guinea.

24. **capensis,** *Smith.* (p. 307.) S. Africa.

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25. **candida**, *Tick.* (p. 308.) [*oustaleti*, Hartl. P. Z. S. 1879, p. 295.]	Indian Peninsula, Burmese Provinces, Formosa, Celebes, N. Australia, Fiji Is. (Viti Levu).
26. **thomensis**, *Hartl.* (p. 290, note.)	W. Africa (St. Thomas Isl.).
27. **melitensis**, *Lydekker*, Cat. Foss. B. p. 13 (1891).	Malta (Pleistocene).
28. **sancti albani**, *Lydekker*, P. Z. S. 1893, p. 518, pl. xli. figs. 1–4.	France (Miocene).
29. **suajieri**, *E. Newt. & Gadow*, Tr. Z. S. xiii. p. 286, pl. xxxiii. figs. 11, 18 (1879).	Mauritius (Pleistocene).
30. **antiqua**, *Milne-Edwards*; Lydekker, Cat. Foss. B. p. 14 (1891).	France (Lower Miocene).

II. Badiostes, *Amegh.*

(Amegh. Bol. Inst. Geogr. Argent. xv. p. 102.)

1. **patagonicus**, *Amegh. l. c.*	Patagonia (Miocene).

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ADDENDA.

Page 3, last line.

7. **Casuarius beccarii.**	Volkan Is., Aru Is.

Add :—

7 *a*. **sclateri,** *Salvad.*, Ann. Mus. Civ. Gen. xii. p. 422 (1878). [*beccarii*, pt., Salvad. Cat. B. xxvii. p. 596.]	S. & S.E. New Guinea.

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Add :—

8 *a*. **aurantiacus,** *Rothschild*, Bull. B. O. C. viii. p. l (1899).	German New Guinea.
13 *a*. **hecki,** *Rothschild*, Bull. B. O. C. viii. p. xlix (1899).	German New Guinea.

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Add :—

8 *a*. **ricketti,** *Ogilvie Grant*, Bull. B. O. C. viii. p. xlvii (1899).	Fohkien, S. China.

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